

PVM-1270Q

SERVICE MANUAL

US Model
Chassis No. SCC-471A-A

Canadian Model
Chassis No. SCC-471A-A



June, 1983

SPECIFICATIONS

| | | |
|----------------------|---|---|
| Color system | PAL, SECAM, NTSC and NTSC _{4.43} systems. | Inputs |
| Picture tube | Trinitron tube 12-inch picture measured diagonally, 90-degree deflection, Super Fine Pitch 0.25 mm | VIDEO IN: BNC connector VTR: 8-pin connector (2 and 6 pins) Composite 1 V p-p ± 6 dB, sync negative, 75 ohms and high impedance switchable |
| Resolution | RGB inputs 600 lines, 640 \times 200 dots | AUDIO IN: minijack VTR: 8-pin connector (1 and 5 pins) -5 dBs high impedance |
| Color temperature | 6500°K | EXT SYNC IN: BNC connector Composite sync 2 - 8 V p-p, negative, 75 ohms and high impedance switchable |
| Frequency response | 10 MHz (-3 dB, RGB) 5.5 MHz (-3 dB, composite video) | RGB IN: BNC connector 0.7 V p-p, non composite |
| Horizontal linearity | -8% | RGB AUDIO IN: minijack -5 dBs high impedance |
| Vertical linearity | -5% | |
| Line pull range | Horizontal ± 500 Hz Vertical 8 Hz | |

CMPTR: 25-pin connector

| Pin No. | Signal | Signal level |
|---------|---------------------------|--|
| 1 | RGB level shift | High state (5 V): decrease the contrast of RGB inputs |
| 2 | Audio select | High state (5 V or open): audio inputs from the CMPTR connector Low state (less than 0.4 V): audio inputs from the LINE A AUDIO IN jack |
| 3 | H. sync or composite sync | Negative polarity (1) 1 V p-p, 75 Ω terminated (2) TTL level • (1) or (2) is selected by the 9 pin. |
| 4 | Blue input | Positive polarity (1) Analog signal (0.7 V p-p, 75 Ω terminated, non sync) |
| 5 | Green input | (2) Digital signal (TTL level) • (1) or (2) is selected by the 9 pin. |
| 6 | Red input | |

- Continued on page 2 -



**TRINITRON® COLOR
VIDEO MONITOR
SONY®**

MON

| | | |
|---------------|----------------------------|---|
| 7 | Not in use | |
| 8 | Not in use | |
| 9 | Analog/digital mode select | High state (open): Analog signal (0.7 V p-p) Low state (ground): Digital signal (TTL level) |
| 10 | RGB/NORMAL mode select | High state (5 V or open): RGB inputs from the microcomputer Low state (ground): composite video inputs from the LINE A VIDEO IN connector |
| 11 | V-sync | Negative polarity TTL level |
| 12 | Blanking | High state (5 V or open): video inputs from the microcomputer Low state (ground): Superimposed signal of composite video inputs from the LINE A VIDEO IN connector and RGB inputs from the microcomputer |
| 13 | Audio input | Input level -5 dB (100% modulation), input impedance more than 47 k Ω |
| 14 | EXT/INT mode sync switch | High state (open): microcomputer sync Low state: LINE A sync |
| 15 | Not in use | |
| 16 1 24 | Ground | |
| 25 | Half blanking input | Positive polarity TTL level • Active with blanking input (pin 12) at low state • Decrease the contrast of composite video input in superimposed mode |

Outputs
 VIDEO OUT: BNC connector
 AUDIO OUT: minijack
 EXT SYNC OUT: BNC connector
 RGB OUT: BNC connector
 RGB AUDIO OUT: minijack
 Loop through

Power requirement 120 V ac, 60 Hz


Power consumption 88 W (max.)

Dimensions Approx. 346 × 339 × 388 mm (w/h/d)
 (13⁵/₈ × 13³/₈ × 15³/₈ inches)


Weight Approx. 14.4 kg (31 lbs 12 oz)

Design and specifications subject to change without notice.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

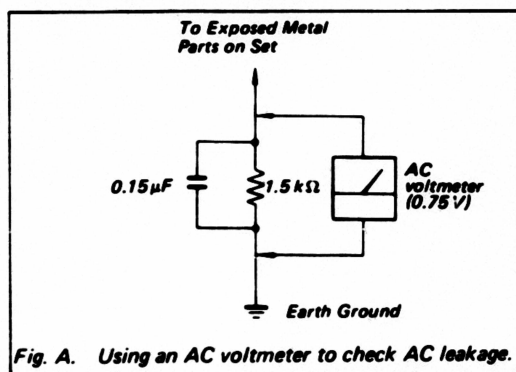
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE  SUR LES DIAGRAMMES SCHÉMATIQUES, LES VUES EXPLOSÉES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DU CIRCUIT QUI SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT SONT IDENTIFIÉS DANS CE MANUEL. SUIVRE LES PROCÉDURES QUAND LES COMPOSANTS CRITIQUES SONT REMPLACÉS OU LE FONCTIONNEMENT IMPROPRE EST SUSPECTÉ.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the condition of the monopole antenna (if any).
Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

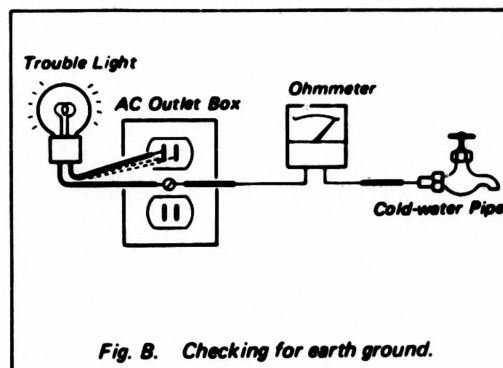


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SECTION 1 GENERAL

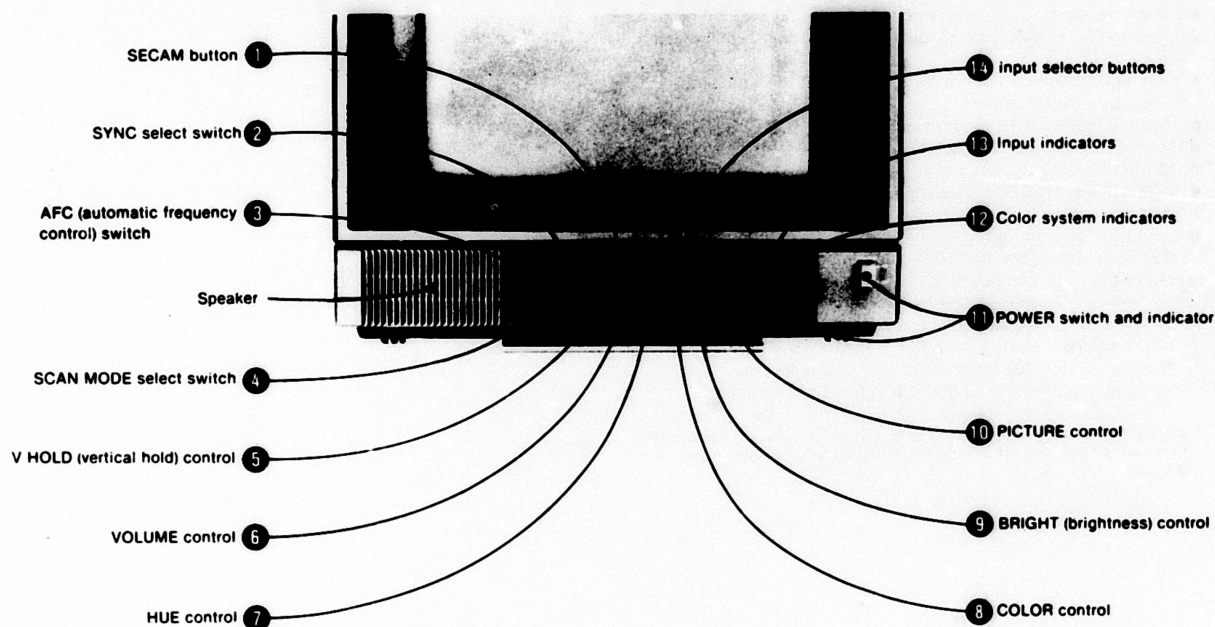
1-1. FEATURES

- Super Fine Pitch Trinitron picture tube for a fine-detailed picture.
- Colorpure Filter fine picture detail without color spill or color noise.
- Automatic frequency control switch to select the horizontal AFC time constant, fast or slow.
- LINE/VTR/RGB/CMPTR input select buttons.
- The PAL, SECAM, NTSC or NTSC_{4.43}* color system is selected automatically.
- UNDER SCAN MODE for viewing a picture which does not appear in normal scanning.
- A picture superimposed by a video disk and a microcomputer can be displayed when the SMI-7073 superimposer (optional) is connected to the microcomputer.

By using an optional MB-502 mounting bracket, the PVM-1270Q can be mounted in an EIA standard 19-inch rack. An optional SLR-102 slide rail is also available. For mounting, see the appropriate instruction manual.

* A signal of NTSC_{4.43} system is obtained by playing back NTSC-recorded video tapes with a video tape recorder/player specially designed for use with this system.

1-2. LOCATION AND FUNCTION OF PARTS AND CONTROLS



● SECAM button

Press this button when the picture receiving SECAM color sources is distorted. The picture will become clear.

● SYNC select switch

Sync may be supplied from an external sync generator to the EXT SYNC IN connector on the rear panel. When an external SYNC is supplied, with either composite or non-composite video input, set the SYNC select switch to EXT. When composite video is supplied with no external sync, set the SYNC select switch to INT.

● AFC (automatic frequency control) switch

Select the AFC operation in the fast mode or slow mode.
FAST: incoming sync timing errors are compensated for.
SLOW: incoming sync timing errors are displayed on the screen.
 This mode is used to monitor the jitter from the VTR.

● SCAN MODE select switch

Normal scanning or under scanning is achieved by proper setting of the SCAN MODE select switch. Set to **NORMAL** for normal scanning, or to **UNDER** for viewing a picture which does not appear in normal scanning. Under scanning reduces the display size by about 5%.

● V HOLD (vertical hold) control

If the picture rolls vertically, correct it with this control.

● VOLUME control

Turn this control clockwise or counterclockwise to obtain the desired volume.

● HUE control

This control is effective only for playing tapes on the NTSC or NTSC_{4.43} system. Use to obtain the most natural skin tones. Clockwise rotation makes the skin tones greenish; counterclockwise rotation makes them purplish.

● COLOR control

Adjusts the color intensity of the picture. Clockwise rotation makes the picture vivid; counterclockwise rotation makes it pale.

● BRIGHT (brightness) control

Adjusts the brightness. Normally set this control at the center detent position.

● PICTURE control

Adjusts the contrast, color intensity and brightness simultaneously in the proper ratio.

● POWER switch and indicator

To turn the monitor on, depress the POWER switch. The indicator will light. To turn the monitor off, press the switch again.

● Color system indicators

Indicate the color system of the playback of the VTR.

● Input indicators

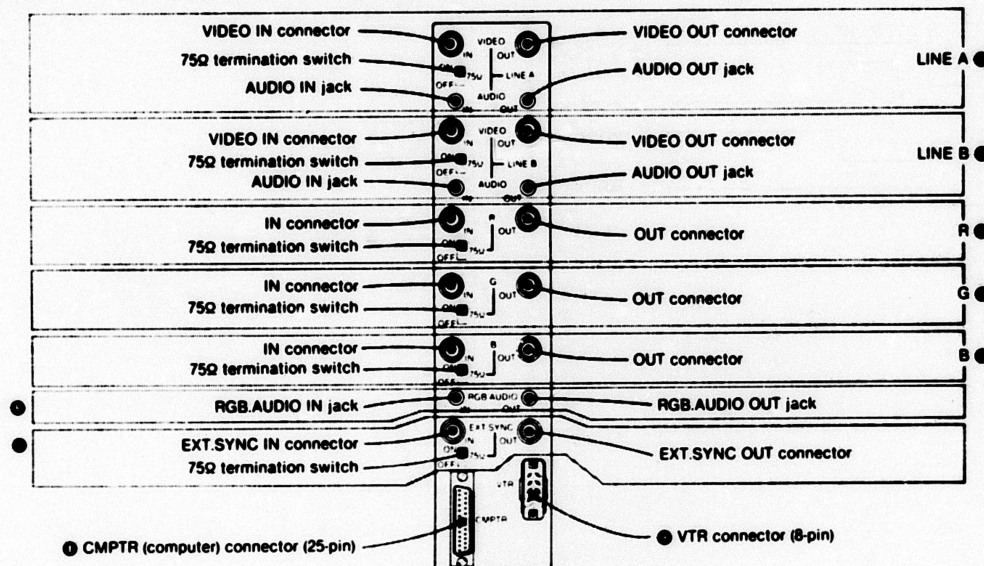
Illuminate to indicate the input selector button pressed.

● Input selector buttons

Press to select the program to be monitored.
LINE A: for a signal from the LINE A connectors.
LINE B: for a signal from the LINE B connectors.
VTR: for a signal from the 8-pin VTR connector.
RGB: for a signal from the R, G and B connectors.
CMPTTR: for a signal from the 25-pin CMPTTR connector.

1-3. SYSTEM CONNECTIONS

CONNECTORS FOR VIDEO/AUDIO/MICROCOMPUTER



● LINE A ● LINE B

Press the LINE A or LINE B input select button to monitor the signal.

VIDEO IN connectors (BNC)

Connect to the video output of a video tape recorder or another monitor (for loop through connection), or to a color camera.

VIDEO OUT connectors (BNC)

Connect the video input of another monitor or a video tape recorder.

AUDIO IN jacks (minijack)

Connect to the audio output of a video tape recorder or another monitor (for loop-through connection), or to a microphone using a suitable microphone amplifier.

AUDIO OUT jacks (minijack)

Connect to the audio input of another monitor or a video tape recorder.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

● R ● G ● B

IN connectors (BNC)

Allow a character generator, microcomputer or video camera having digital or analog RGB outputs to be connected. Press the RGB input select button to monitor the signal.

OUT connectors (BNC)

Connect the digital or analog RGB inputs of another monitor.

75Ω termination switches

When only one monitor is used, set the switch to ON. When several monitors are connected, set the switch of the last monitor in the looped chain to ON and set it to OFF on the other monitors.

● RGB AUDIO

IN jack

Connect the audio output of the appliance connected to the RGB IN connectors. Press the RGB input select button to monitor the signal.

OUT jack

Connect the RGB audio input of another monitor.

● EXT. SYNC

IN connector (BNC)

Connect an external sync generator.

OUT connector (BNC)

Supplies the external sync signal from the external sync generator connected to the EXT SYNC IN connector.

75Ω termination switch

When an equipment is connected to the EXT SYNC OUT connector, set the switch to OFF. When nothing is connected, set it to ON.

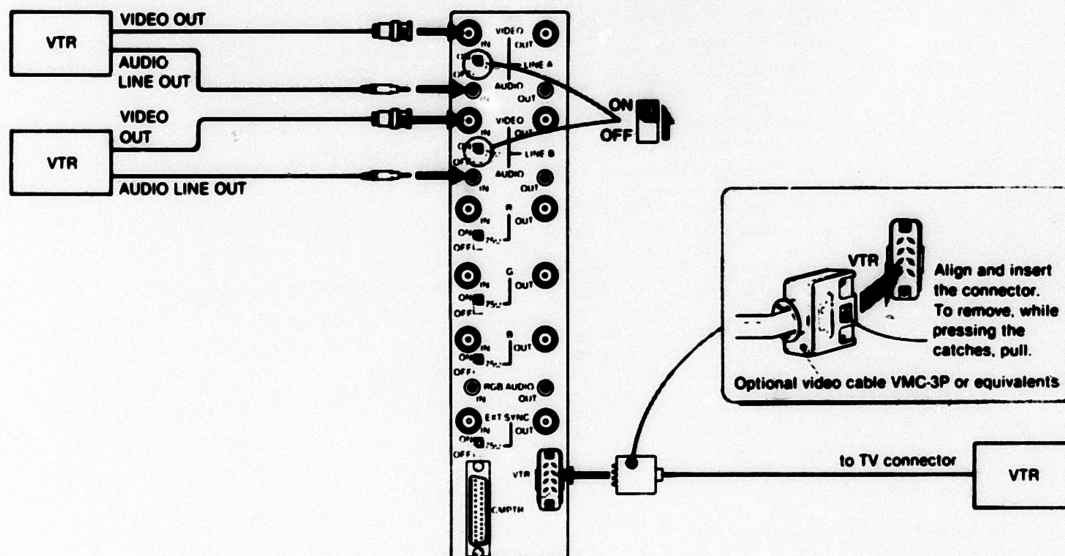
● CMPTR connector (25-pin)

Connect a microcomputer with digital or analog RGB outputs. Press the CMPTR input select button to monitor the signal.

● VTR connector (8-pin)

Connect a video tape recorder equipped with an 8-pin connector. For monitoring, press the VTR input select button. For connection, use the optional video cable, VMC-3P(3 m), -5P(5 m), -10P(10 m), -25P(25 m) or -50P(50 m).

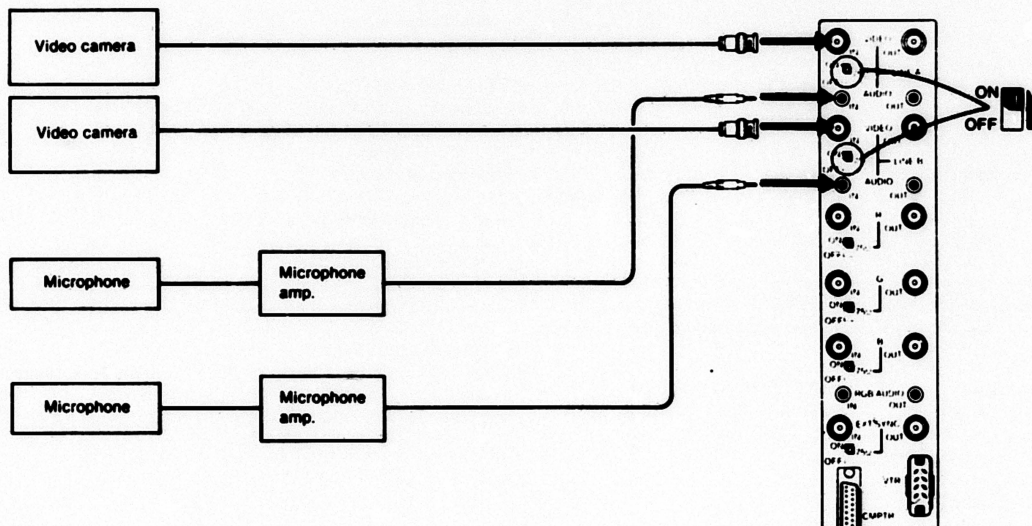
CONNECTING A VIDEO TAPE RECORDER



Note

When monitoring the picture at fast speed, the picture may roll vertically or become monochrome.

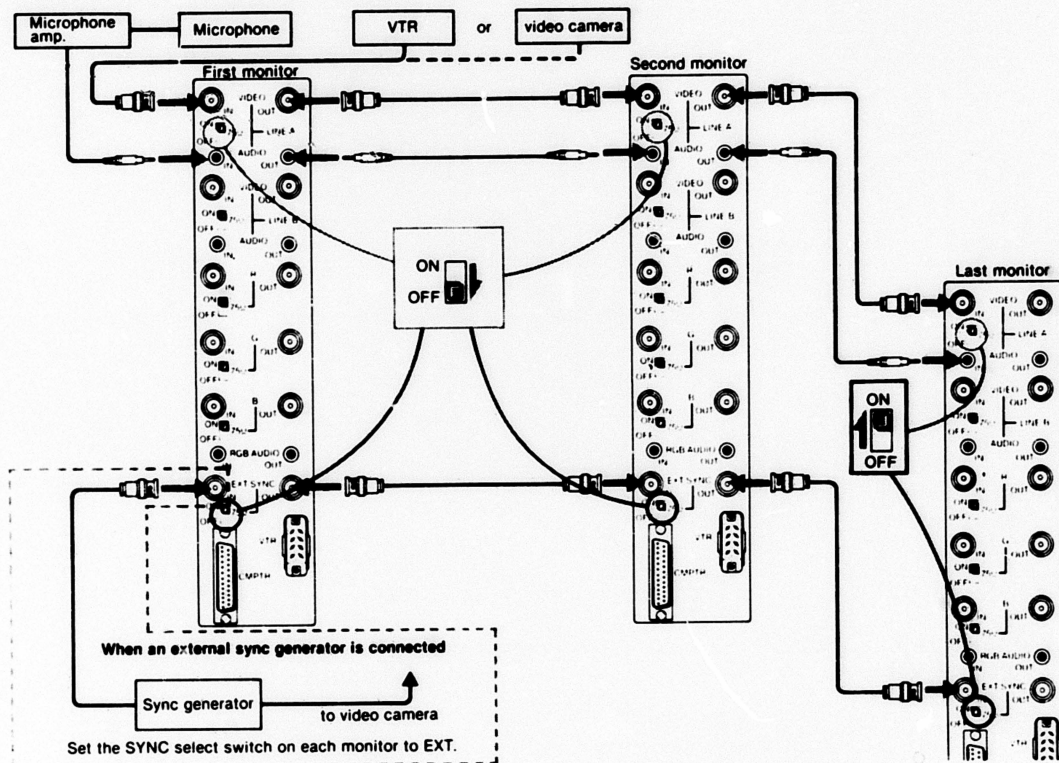
CONNECTING A CAMERA AND A MICROPHONE



MULTIPLE MONITOR CONNECTION

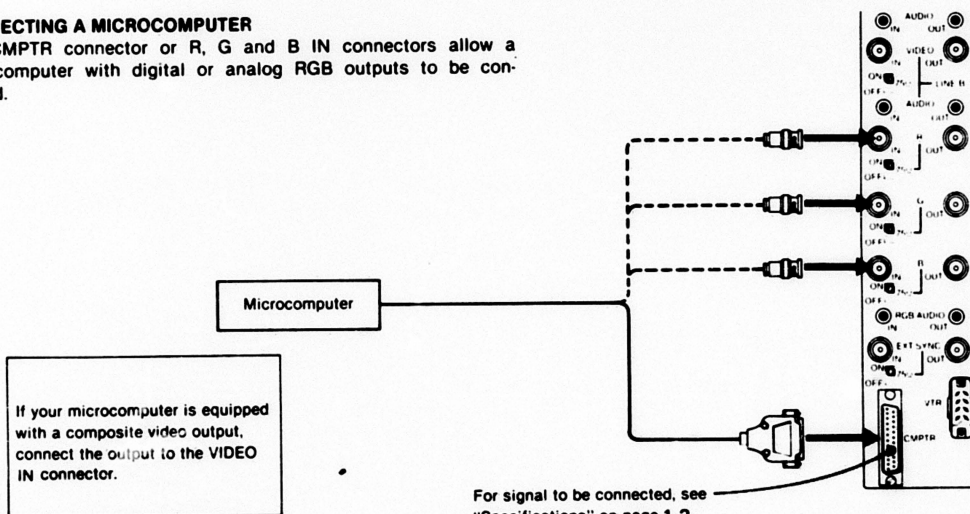
Up to 10 monitors may be connected. Set the 75Ω termination switch of the **last monitor** to ON, and that of the other monitors to OFF.

The LINE A or LINE B input select button on each monitor should be pushed in.



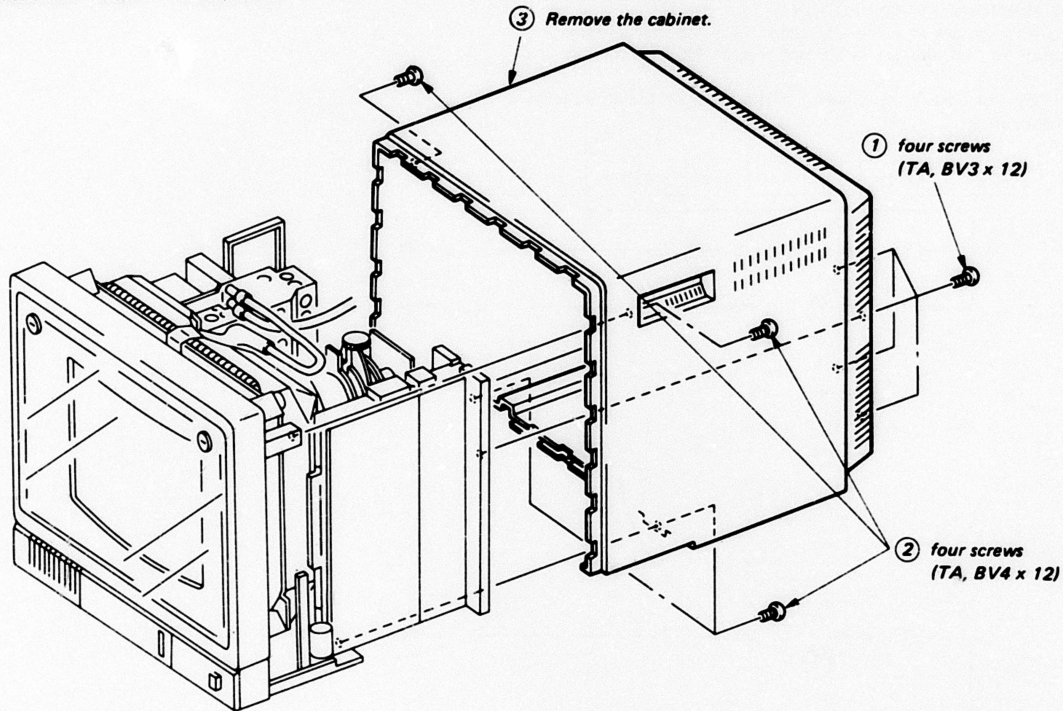
CONNECTING A MICROCOMPUTER

The CMPTR connector or R, G and B IN connectors allow a microcomputer with digital or analog RGB outputs to be connected.

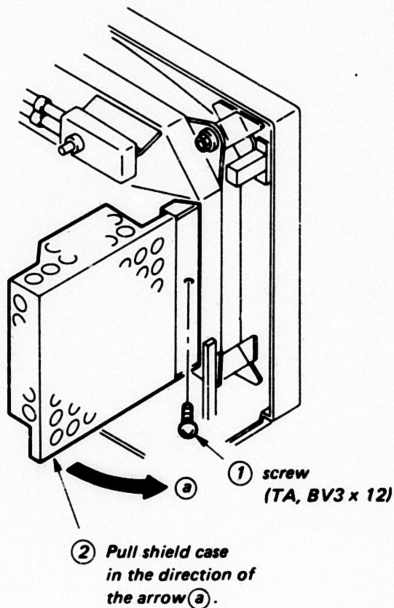


SECTION 2 DISASSEMBLY AND REPLACEMENT

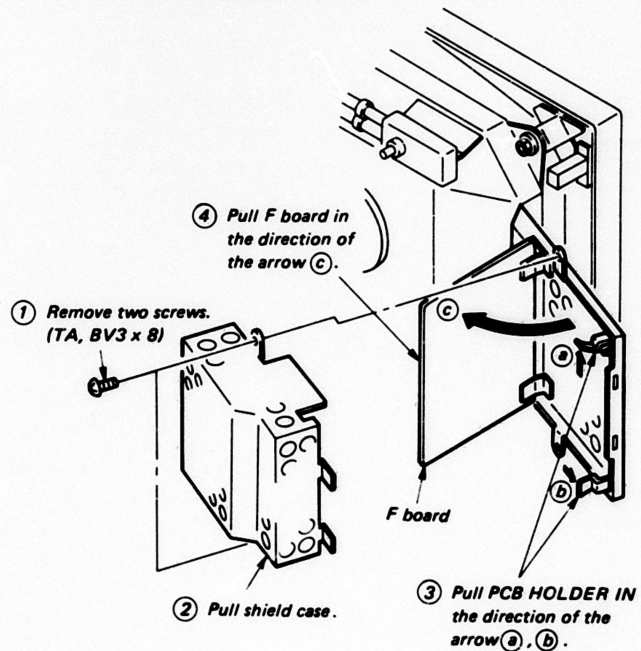
2-1. CABINET ASS'Y REMOVAL



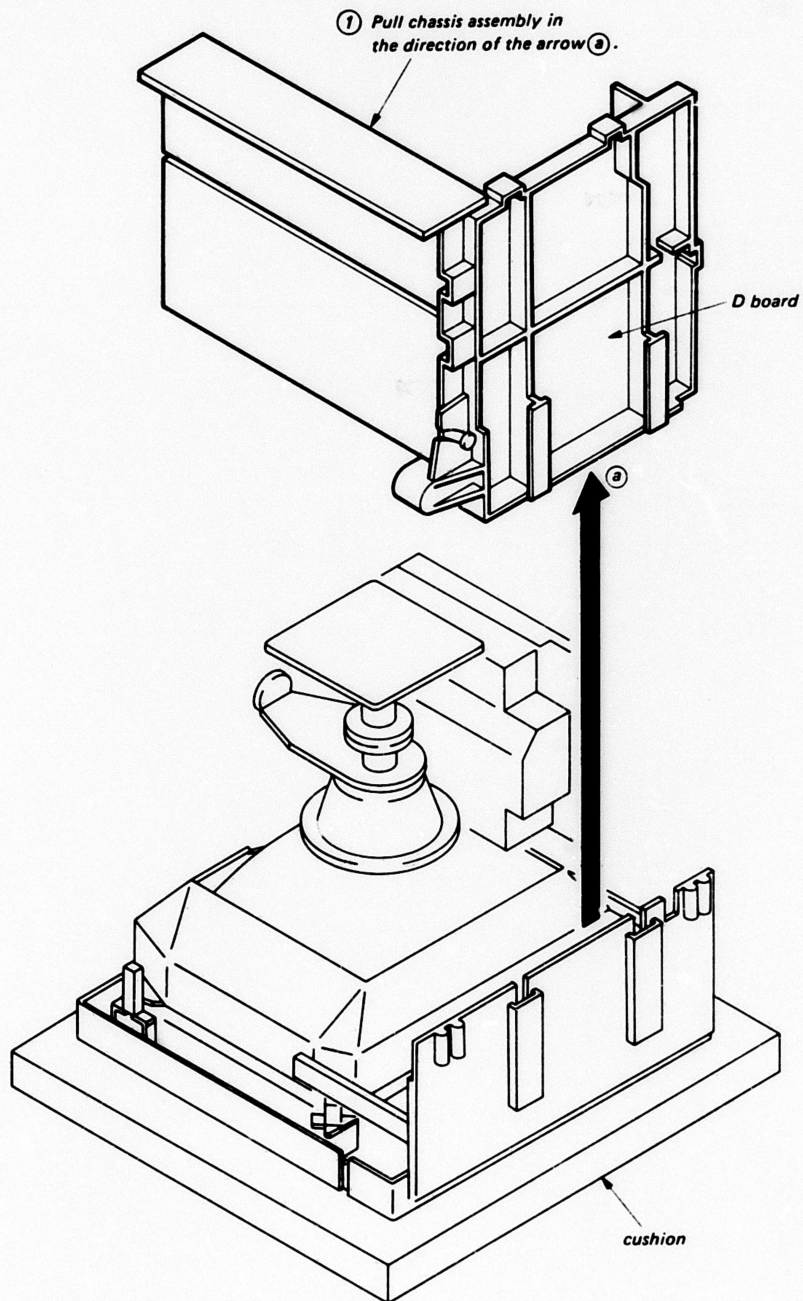
2-2. F BOARD SHIELD CASE ASSEMBLY REMOVAL



2-3. F BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)

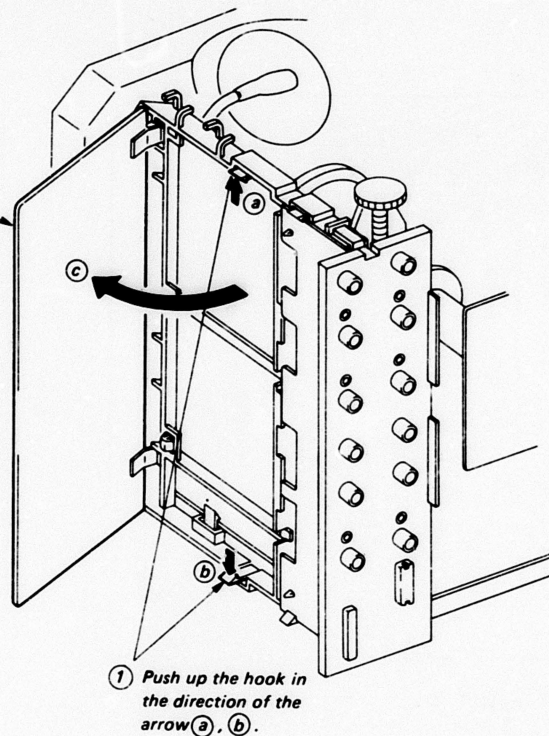


24. D BOARD BRACKET ASSEMBLY REMOVAL

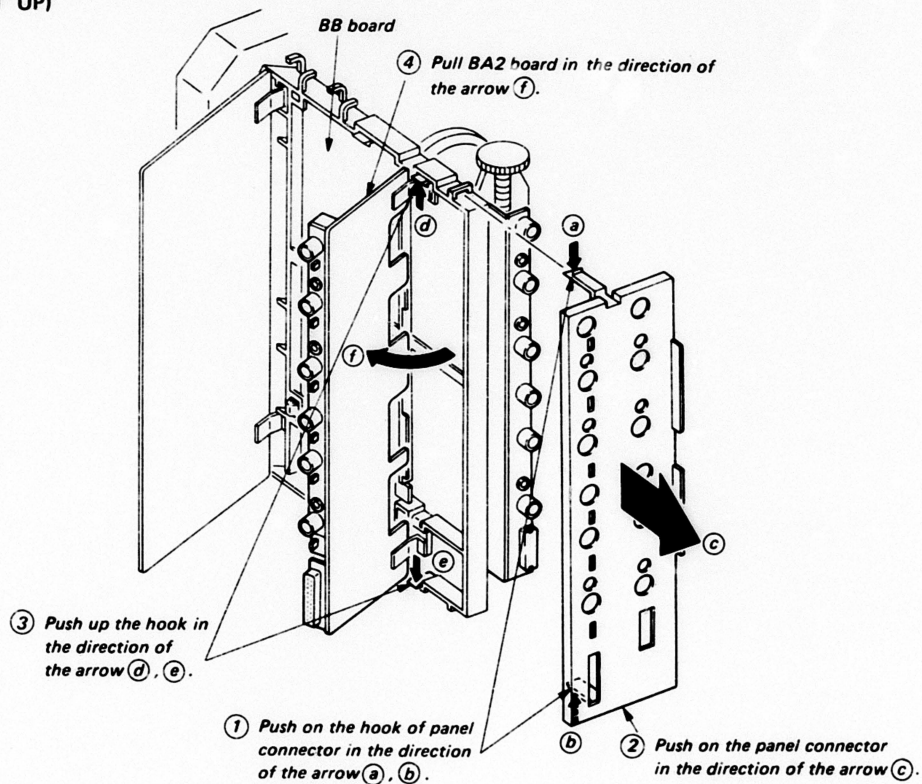


2.5. BA1 BOARD REMOVAL (FOR CHECKING IT UP)

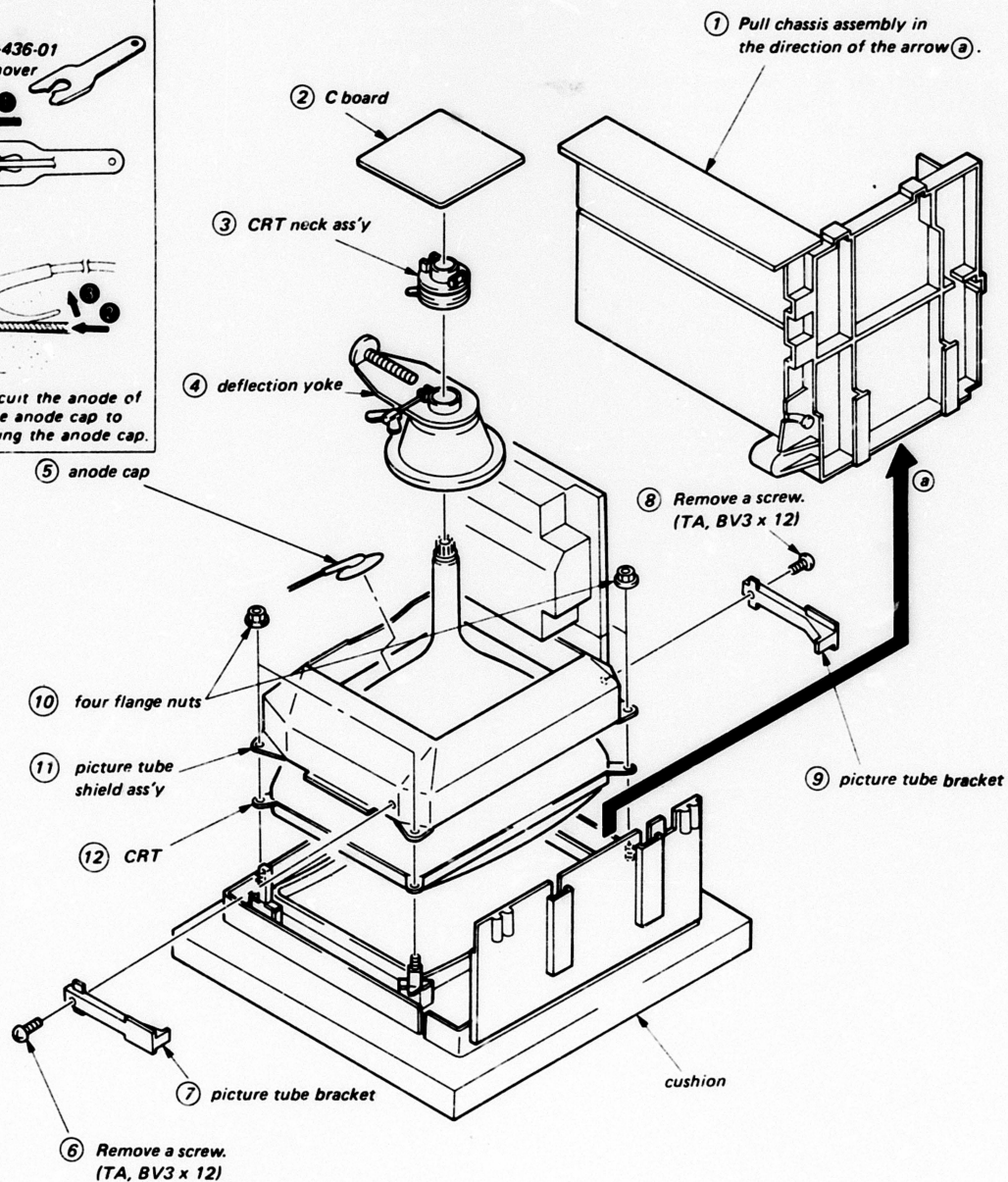
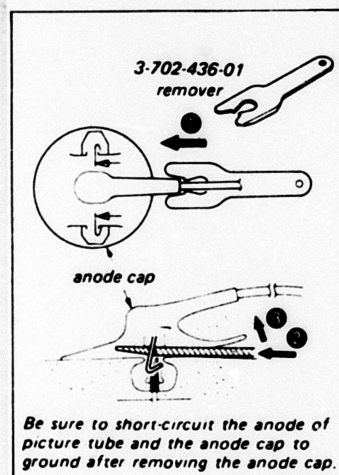
② Pull BA1 board in the direction of the arrow (c).



2.6. BA2, BB BOARD ASSEMBLY REMOVAL (FOR CHECKING IT UP)



2-7. PICTURE TUBE REMOVAL



SECTION 3 SAFETY RELATED ADJUSTMENTS

Note: (1) TEST EQUIPMENT REQUIRED

1. Oscilloscope
2. Voltmeter (VOM)
3. Color-bar/pattern generator
4. Variable auto-transformer

(2) INPUT SIGNAL

When making these adjustments, feed in a cross-hatch, color-bar or an off-air signal.

(3) CONTROL AND SWITCH SETTINGS

Controls and switch should be set as follows when making checks and adjustments unless otherwise noted.

| | |
|--------------------------|----------------------------|
| PICTURE control | } ... Set for best picture |
| HUE control | |
| BRIGHT control | |
| COLOR control | |
| AUTO switch ON | |

- (4)** These adjustment should be performed with the rated power supply voltage unless otherwise noted.

(5) CIRCUIT ADJUSTMENTS

| Adjustment | Circuit Board | Page |
|---|---------------|------|
| <input checked="" type="checkbox"/> R622 Adjustment | D3 | 14 |
| <input checked="" type="checkbox"/> R846 Adjustment | D | 15 |
| <input checked="" type="checkbox"/> R626 Adjustment | F | 16 |

R612 B

3-1. D3 Board Adjustment

+B Protector Operation Check

HOLD DOWN 2

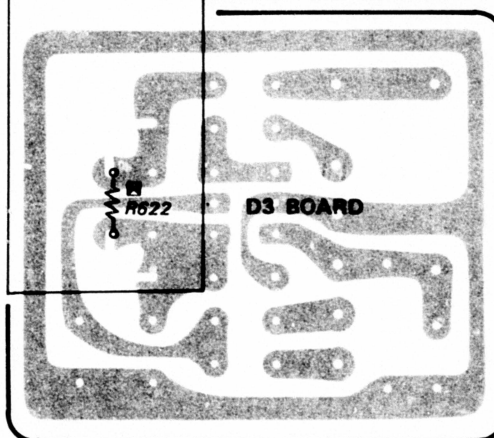
☒ R622 Adjustment

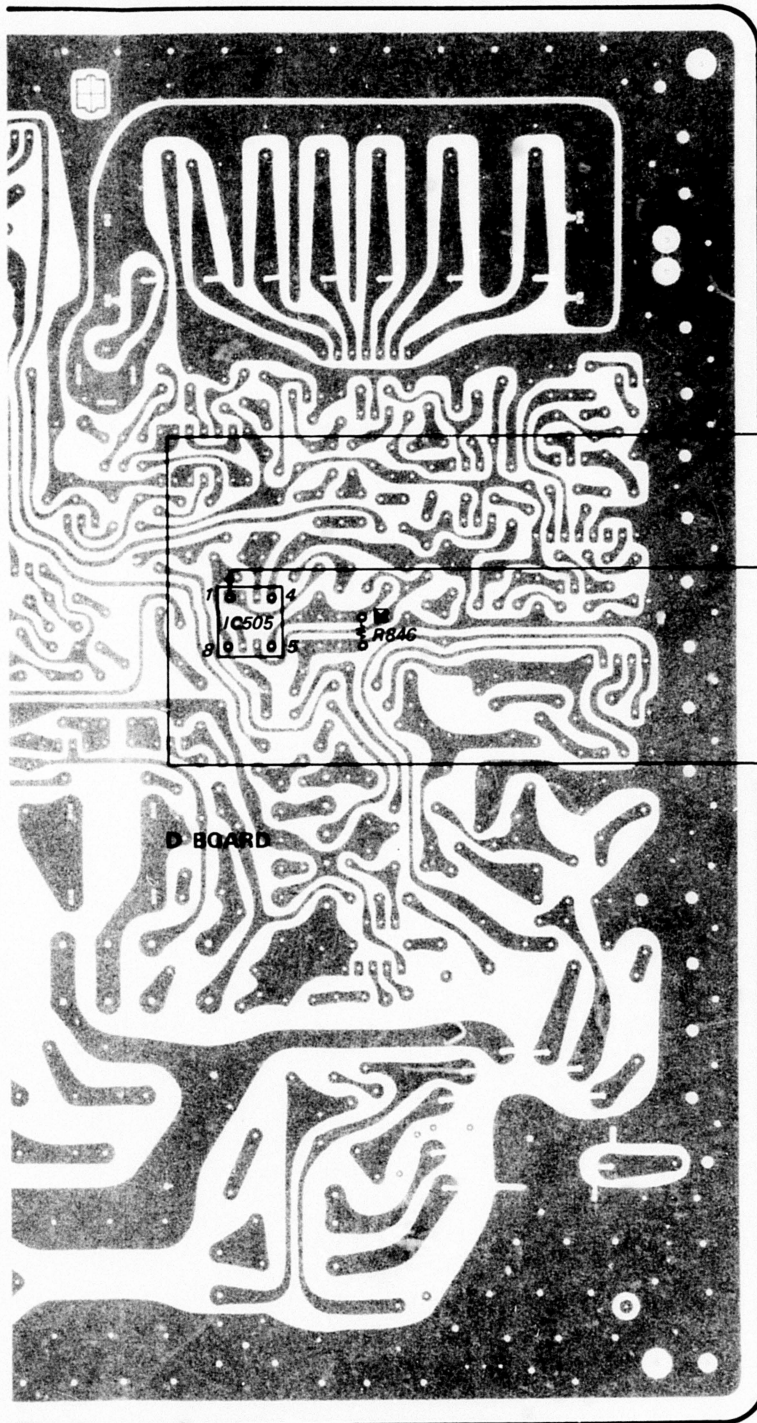
Be sure to perform this adjustment when replacing the following parts (marked ☒ on the schematic):


(D3 Board) Q541, Q542, D521, R621, R622, R623, R624, R625, R626
(D Board) D801, D812, R814, R854

1. Input a color bar signal.
2. PIC VR MIN
BRT VR MIN
3. Apply DC 118.0 \pm 1.0V line from an external DC power supply and confirm that +B protector circuit operates.
4. Apply DC 116.0 \pm 0.5V and confirm that the +B protector does not operate.





Note: The HV protector may operate first, so mount about 3.3k Ω parallel to D board R847 to reduce HV protector sensitivity before performing +B protector operation check.



REVISED**3-2. D Board Adjustment****High Voltage Protector Operation Check****HOLD DOWN 1****R846 Adjustment**

Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):

IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854

1. Input a dot signal.
2. Put set in cut-off state.
3. Connect a digital voltmeter to D board IC505 pin 1.
4. Apply external DC power supply to X high voltage resistor high voltage pin so that digital voltmeter value is $15.40 \pm 0.1V$ and confirm that HV protector operates.
5. Apply power for $14.80 \pm 0.1V$ value and confirm that HV protector does not operate.
6. Input a white pattern signal, and put set in standard state (PIC VR 100%,  CONT VR  BRT VR  100%,  COLOR VR 50%).).
7. Apply power via the connection in step 4. for DC $14.50 \pm 0.10V$ value and confirm that the HV protector circuit operates.
8. Apply power for DC $13.50 \pm 0.10V$ value and confirm that the HV protector does not operate.

digital
multimeter



REVISED

3-3. F Board Adjustment

+B MAX Check

R626 Adjustment

R612B

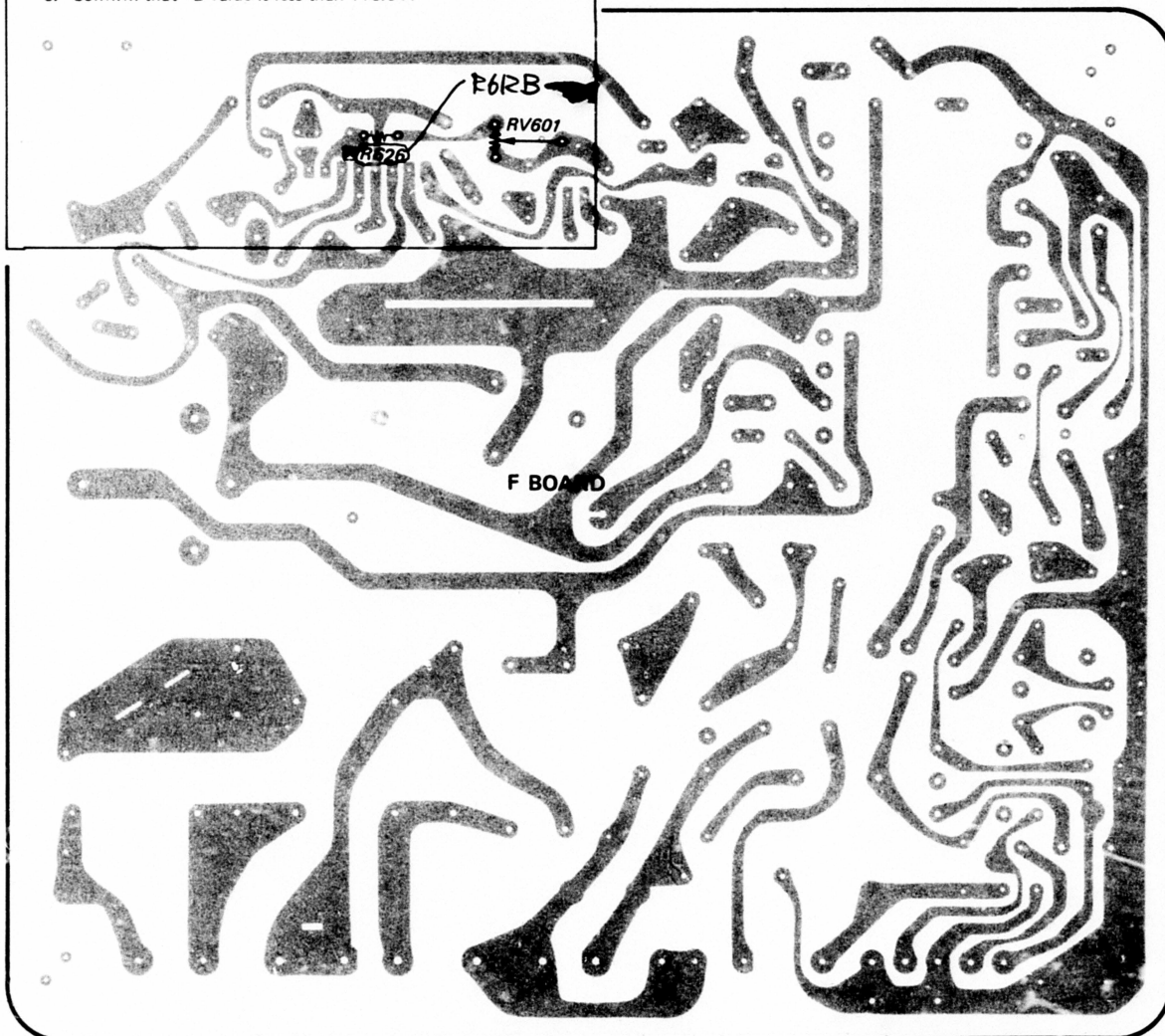
Be sure to perform this adjustment when replacing the following parts (marked \square on the schematic):

IC601, T603, R610, R612, R613, R620, R626, RV601

R612A

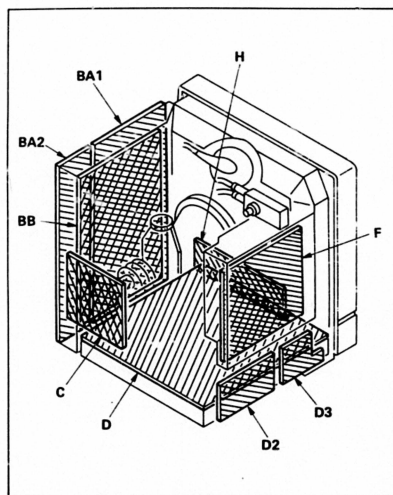
R612B

1. Input a dot signal.
2. Input a AC 130 $\pm 0.1V$ $\frac{+1}{-0}V$
3. Put set in cut-off state.
4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum.
5. Confirm that +B value is less than 115.0V.

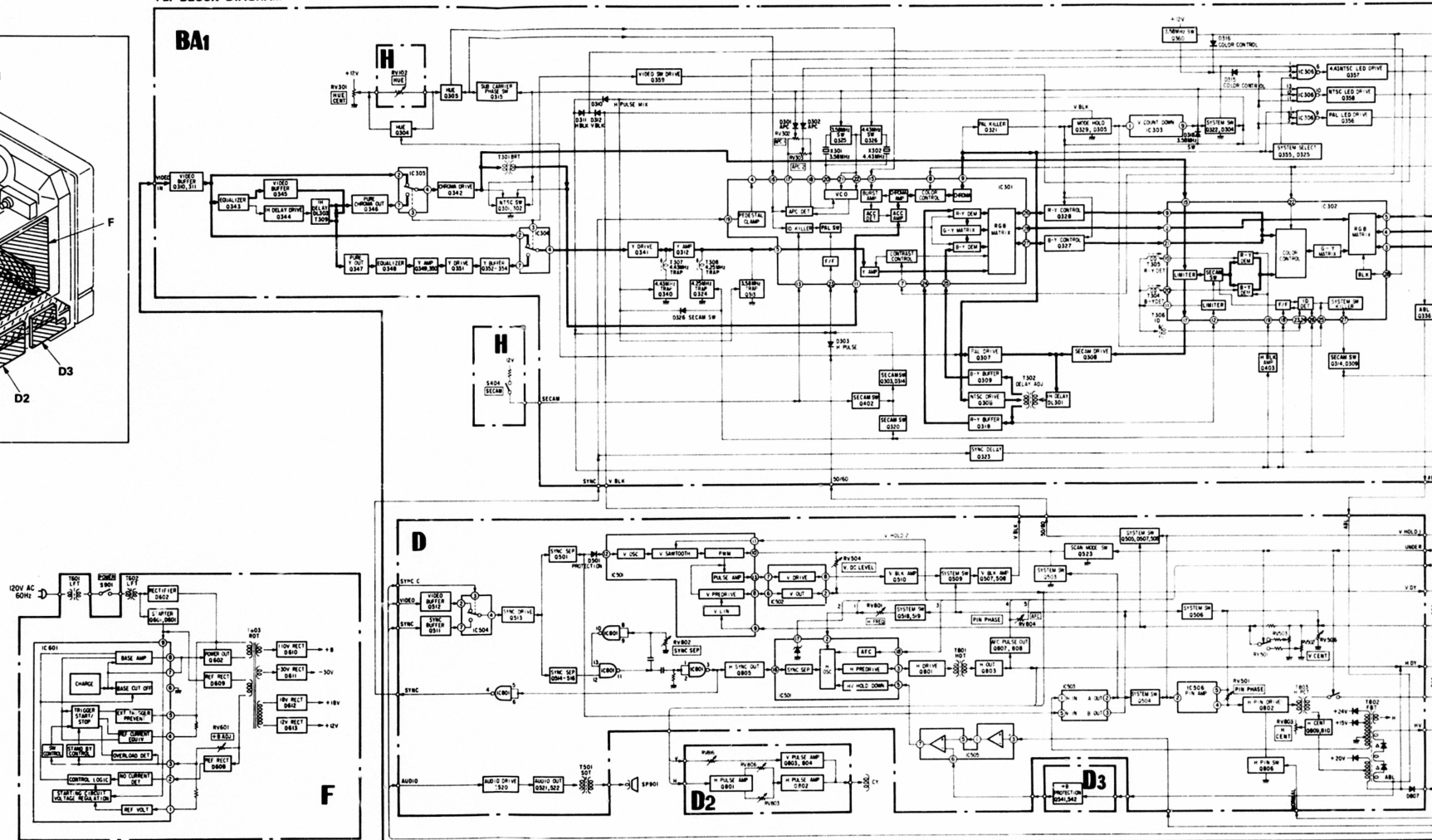


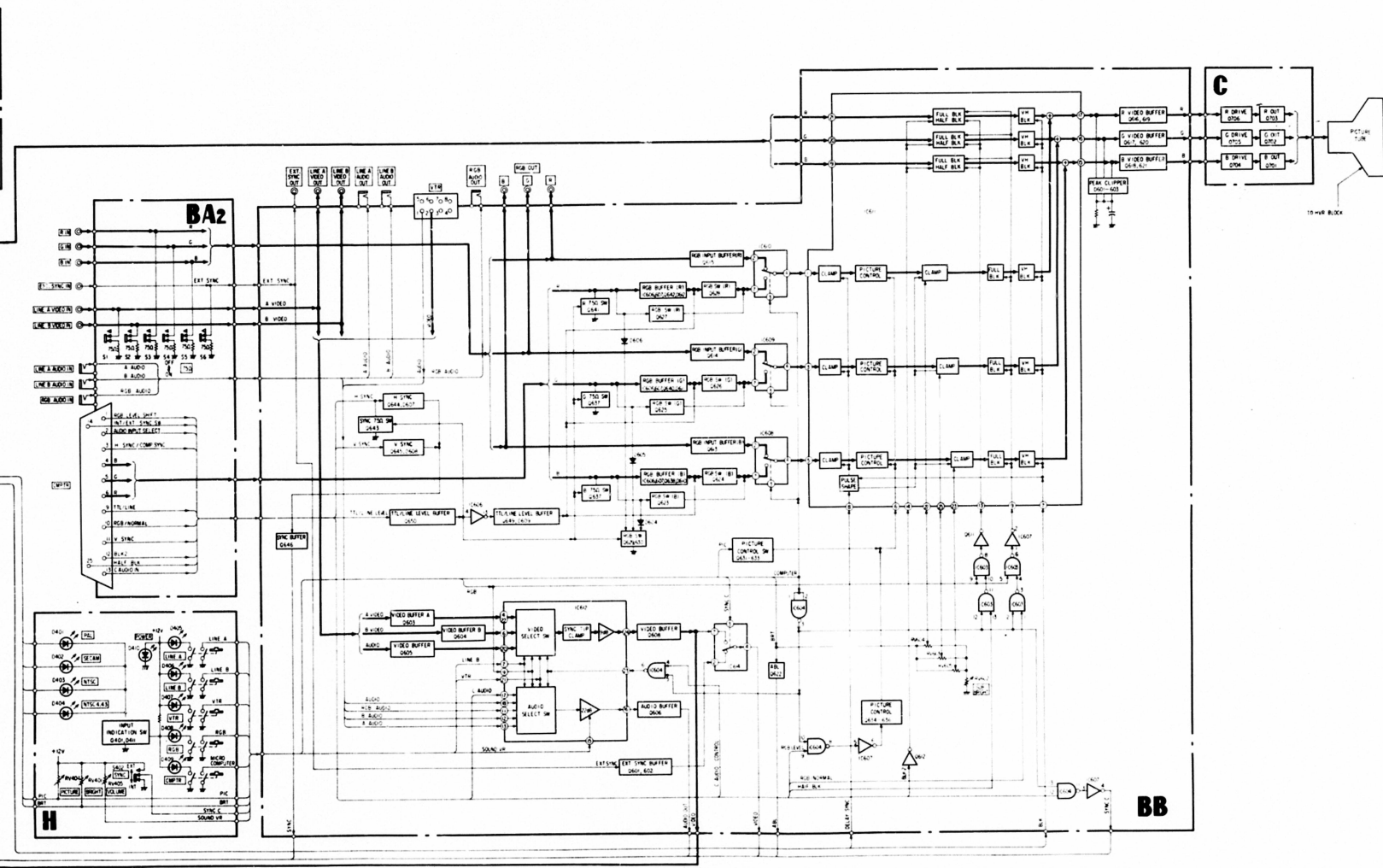
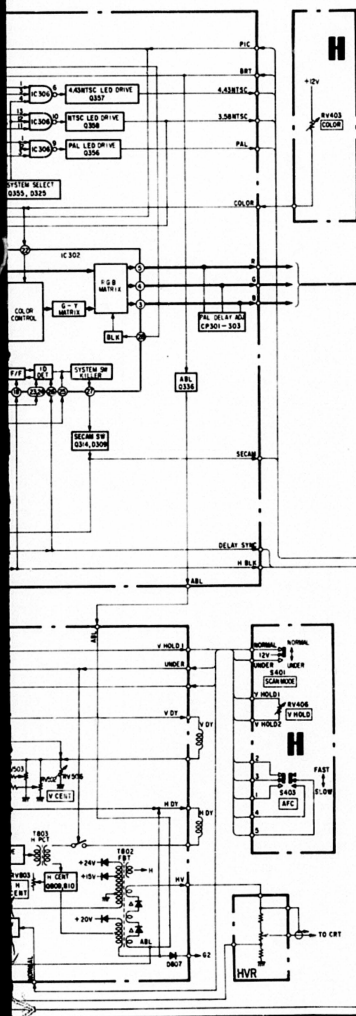
SECTION 4 DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION

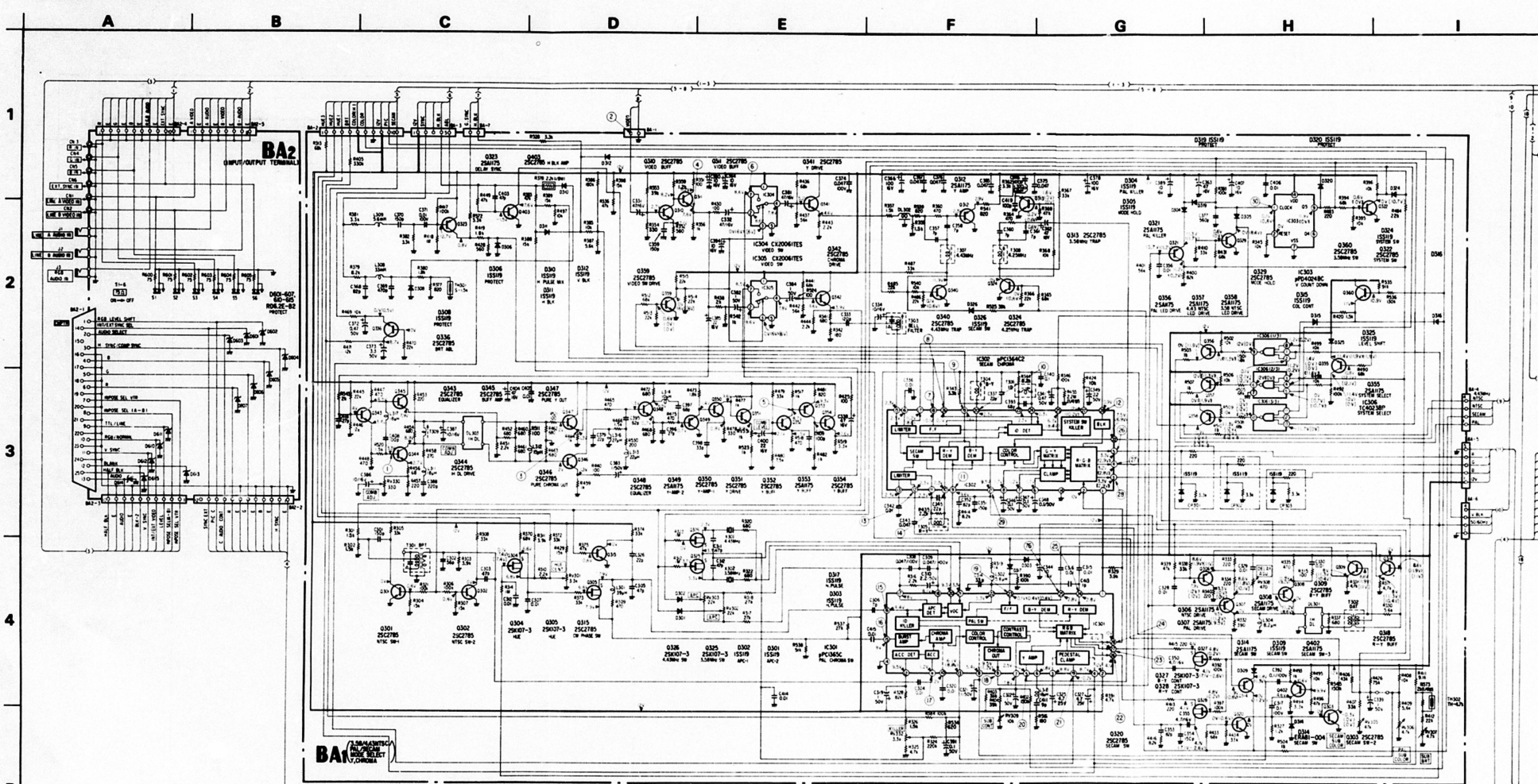


4-2. BLOCK DIAGRAM



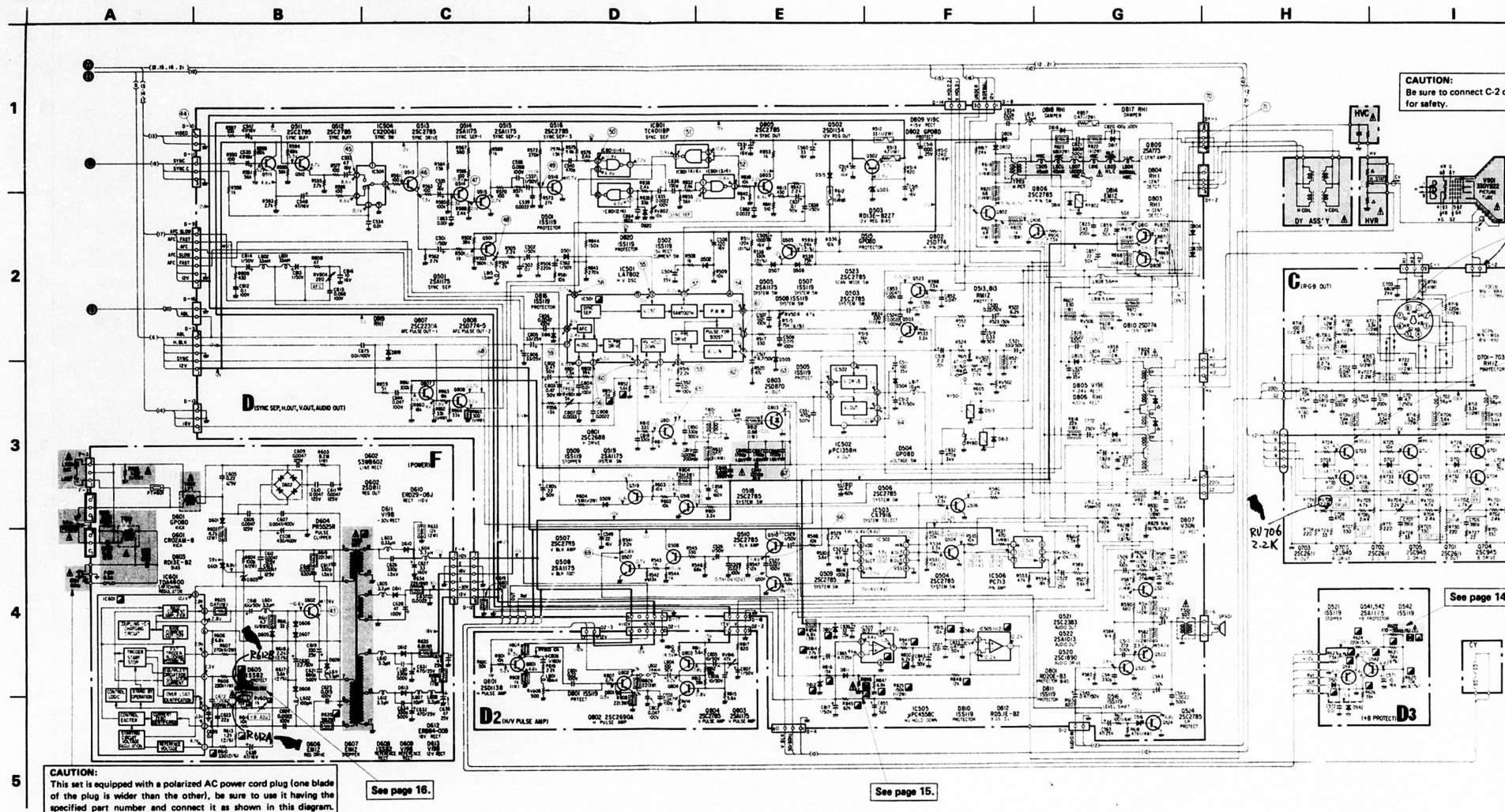


A horizontal timeline with nine segments labeled A through I, separated by vertical tick marks.



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SCHEMATIC DIAGRAM (%)

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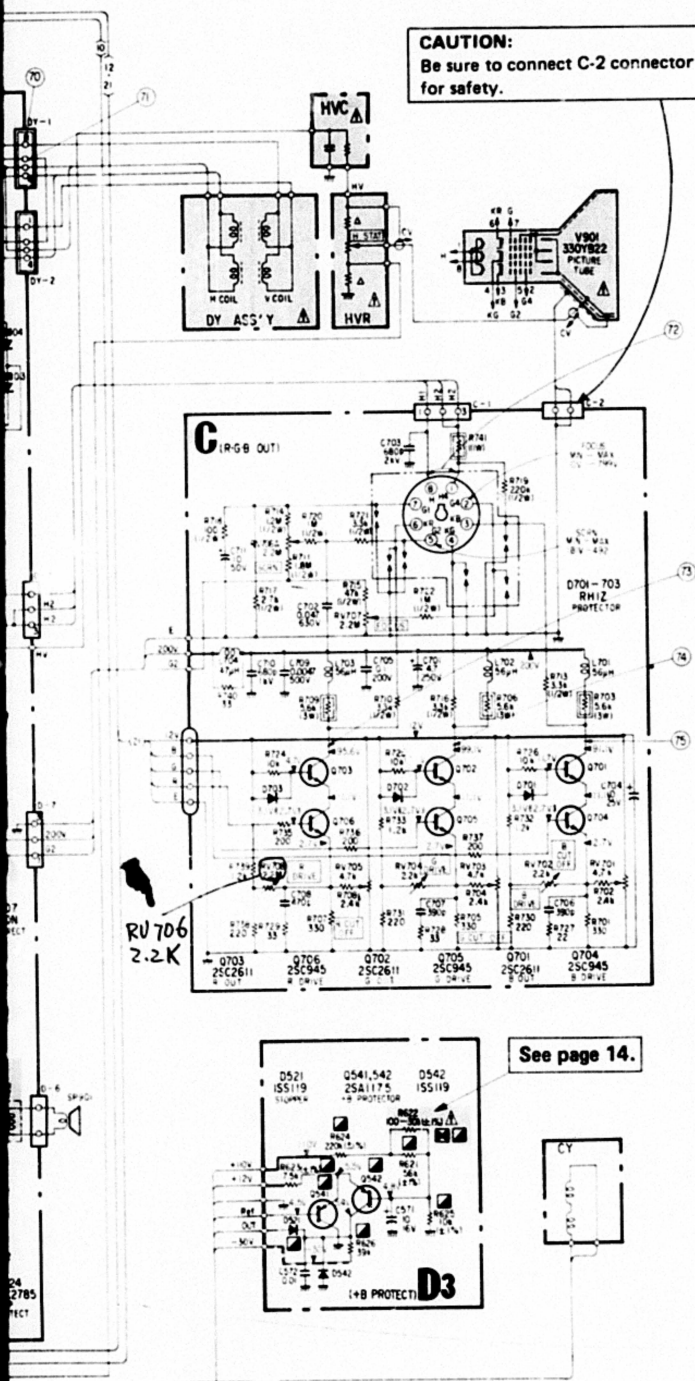
REVISED

H

I

J

CAUTION:
Be sure to connect C-2 connector for safety.



REVISED

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Note:

- All capacitors are in μF unless otherwise noted. p : μF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k : 1000 Ω , M : 1000k Ω
- On C board all resistors are in ohms, 1/4W unless otherwise noted. k Ω : 1000 Ω , M Ω : 1000k Ω
- \square : nonflammable resistor.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- \square : fusible resistor.
- Δ : internal component.
- \square : panel designation.
- The components identified by \square in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by \square , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by \square and repeat the adjustment until the specified value is achieved. (Refer to R622, R626, R846 adjustment on page 14 - 16.)

R612B

| Part replaced (\square) | Adjustment |
|---|-----------------------|
| D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 | R622 adjustment |
| D board D801, D812, R814, R854 | |
| F board IC601, RV601, T603, R610, R612, R613, R620, R626, R628 | R612B R626 adjustment |
| D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854 | R846 adjustment |

- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10M Ω digital multimeter.
- Voltage variations may be noted due to normal production tolerances.
- Readings are taken with a color-bar signal input.
- \square : adjustment for repair.
- Voltage on F board is taken with Q602 Emitter.
- no mark : with NTSC3.58 color-bar signal received.
- () : with SECAM color-bar signal received.
- [] : with PAL color-bar signal received.
- () : with NTSC4.43 color-bar signal received.

- — : B+ bus.
- --- : B- bus.

C

[R-G-B OUT]

4.4. PRINTED WIRING BOARDS

- Conductor Side -

A

B

C

D

1

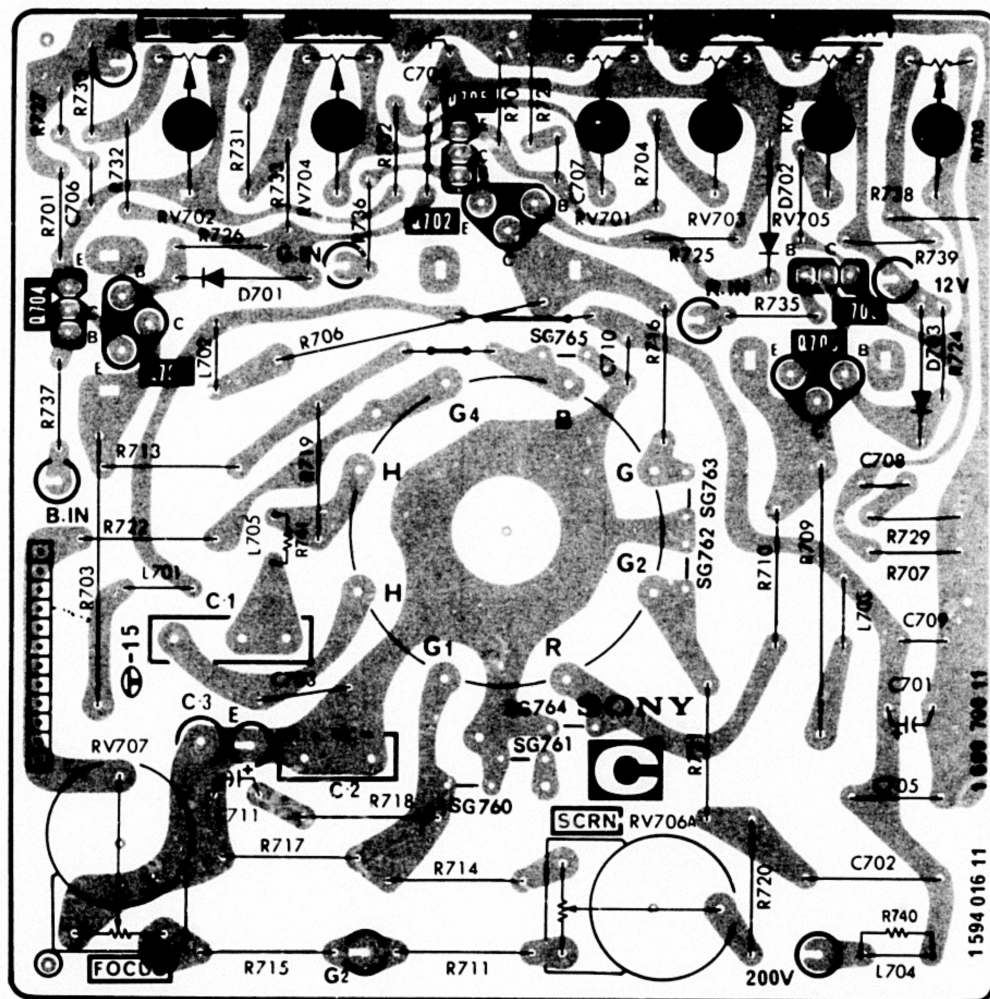
- C Board -

2

3

4

5



(INPUT/OUTPUT TERMINAL) **BA2**

(CUSTOMER CONTROL INPUT SIGNAL INDICATOR) **H**

H BA2

E

F

G

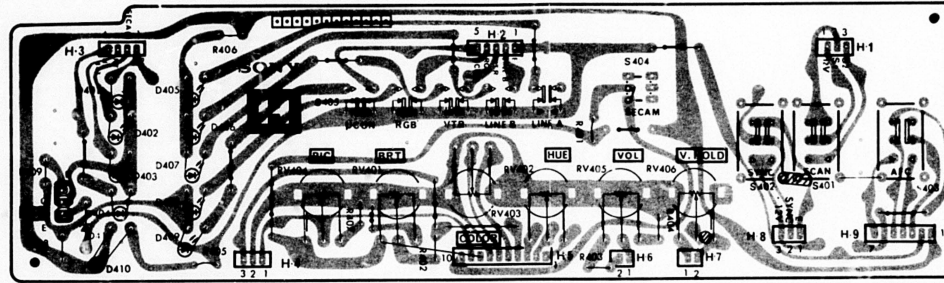
H

I

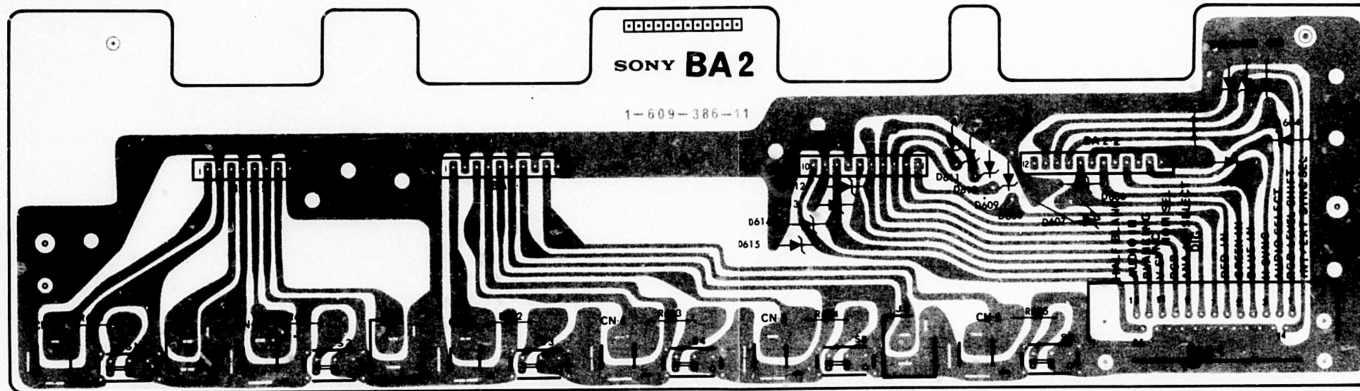
J

K

— H Board —



— BA2 Board —



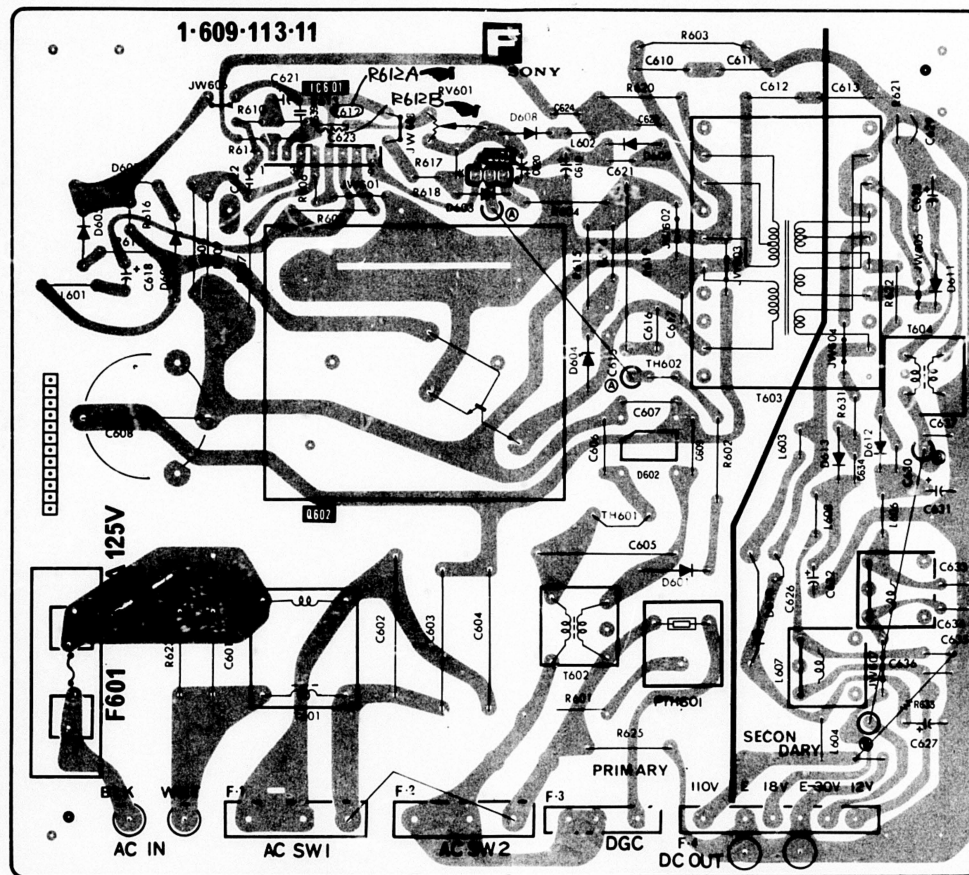
REVISED

[POWER]

F

F

- F Board -



[SYNC SEP. H OUT,
V OUT, AUDIO OUT]

D

D

A B C D E F G

- D Board -

1
2
3
4
5

| Q, IC | D | ADJ |
|----------|----------|-------|
| 523 | 507 | RV501 |
| 503 | 508 | |
| 504, 501 | | RV503 |
| 505 | | RV502 |
| IC503 | | |
| | 513, 501 | RV504 |
| 209 | 816 | |
| IC501 | 502 | |
| 510 | 516 | |
| IC502 | 515 | |
| IC801 | 511 | RV802 |
| 514 | 504 820 | |
| 508 | 505 | |
| 519 | 509 | |
| 518 | | |
| 805 513 | | |
| IC504 | 810 | |
| 207 | 812 | RV801 |
| | 811 | |
| IC505 | | RV505 |
| 802 | | RV804 |
| 801 | 801 | |
| | 515 | |
| IC506 | 819 | |
| 806 | 818 | |
| 807, 808 | 802 | |
| 506 | 503 | |
| | 817 | |
| 524 | 805 | |
| | 809 | |
| | 814 | |
| | 813 | |
| 521 | 806 | |
| 522 | 803 | |
| 520 | 807 | |
| 810 | | |
| 808 | | RV506 |
| | 804 | |
| | 803 | RV803 |
| Q, IC | D | ADJ |

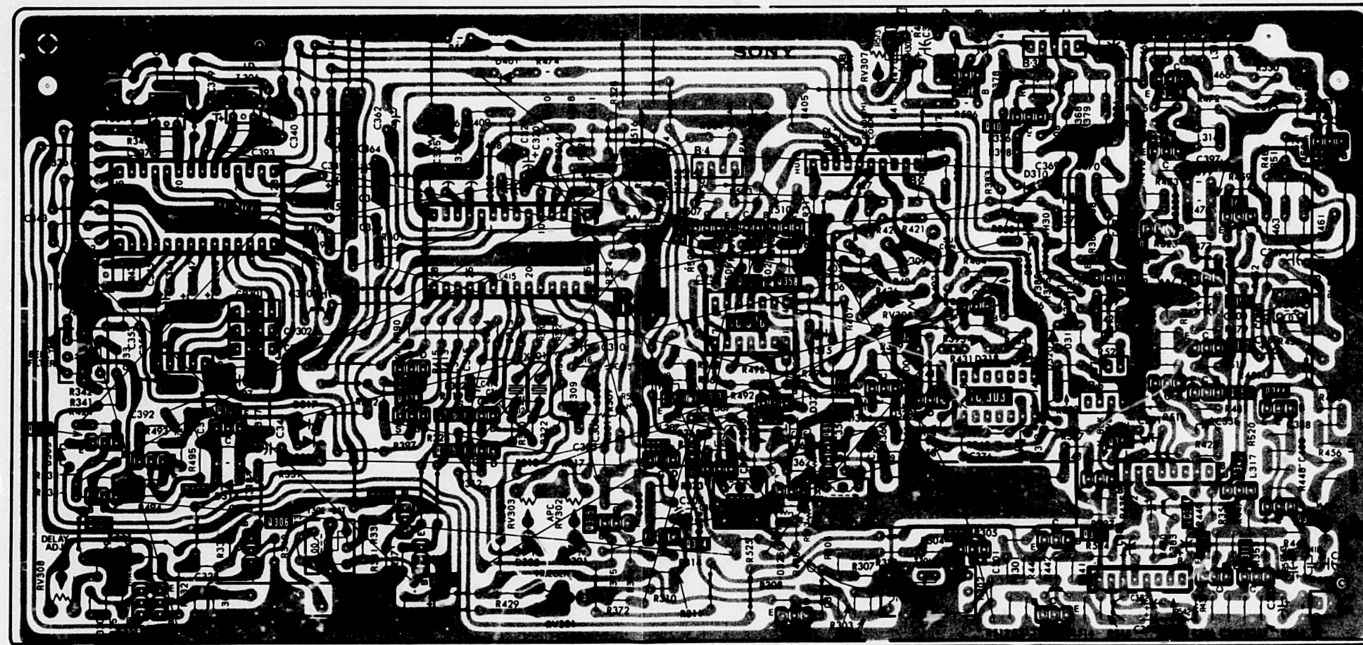


BB

5

BA1

| | | | | | | |
|---------------|----------|----------|----------|----------|----------|----------|
| A | B | C | D | E | F | G |
| - BA1 Board - | | | | | | |

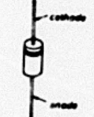
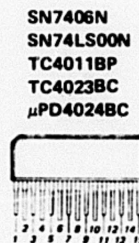
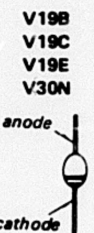
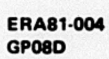
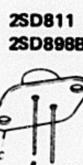
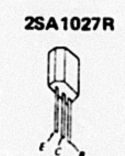
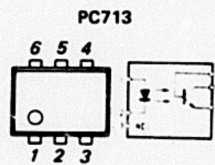
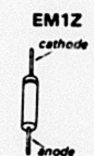
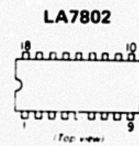
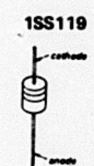
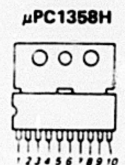
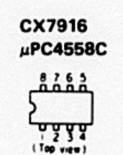
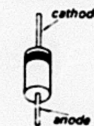
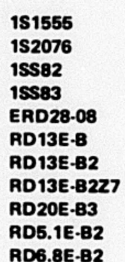
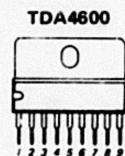
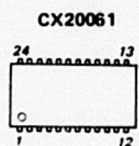
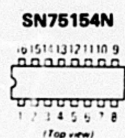
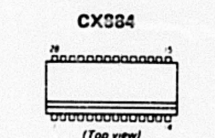
[illegible]

D

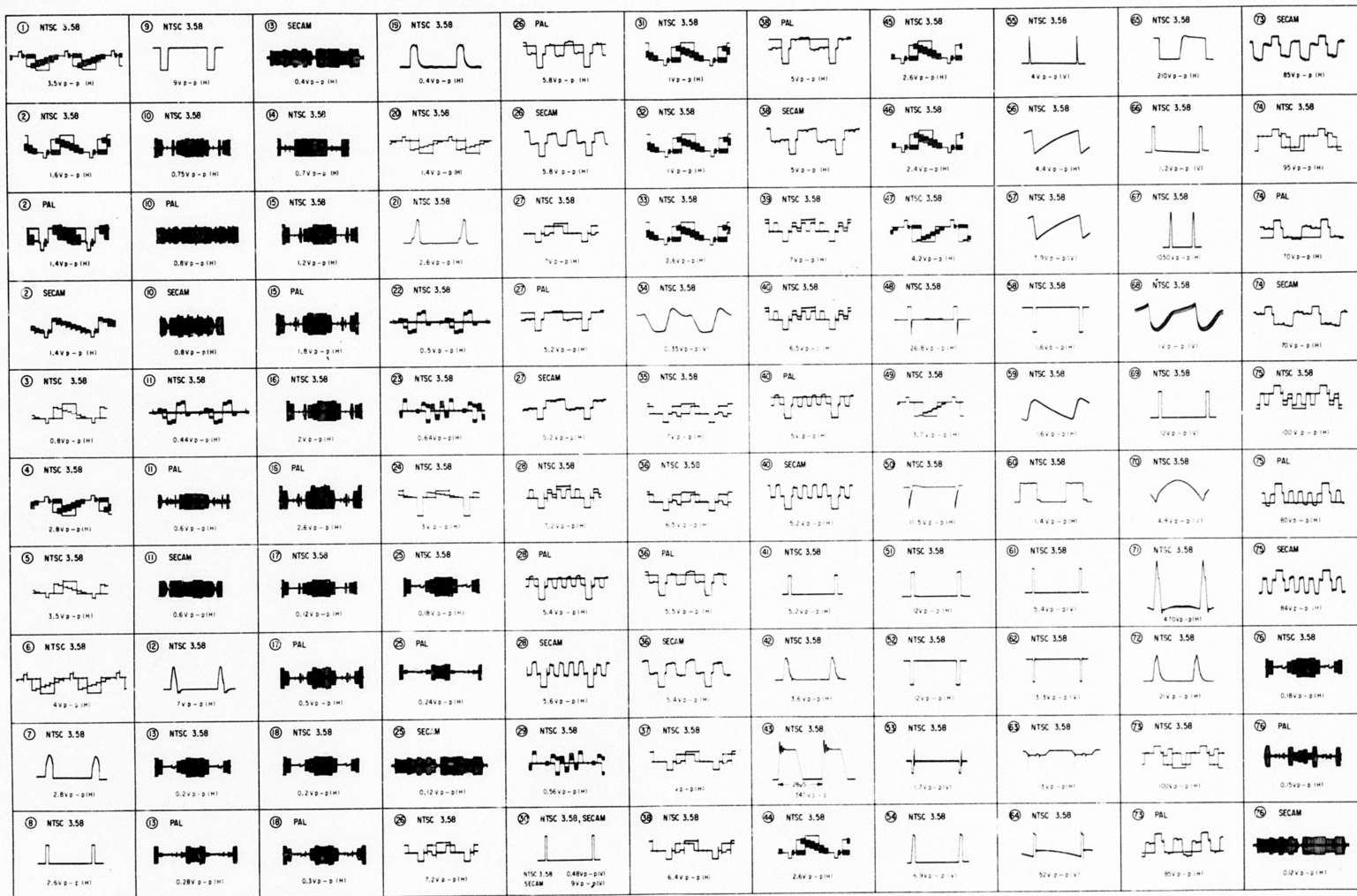
5



4-5. SEMICONDUCTORS



4.6. WAVEFORMS





SECTION 5 EXPLODED VIEWS

NOTE:

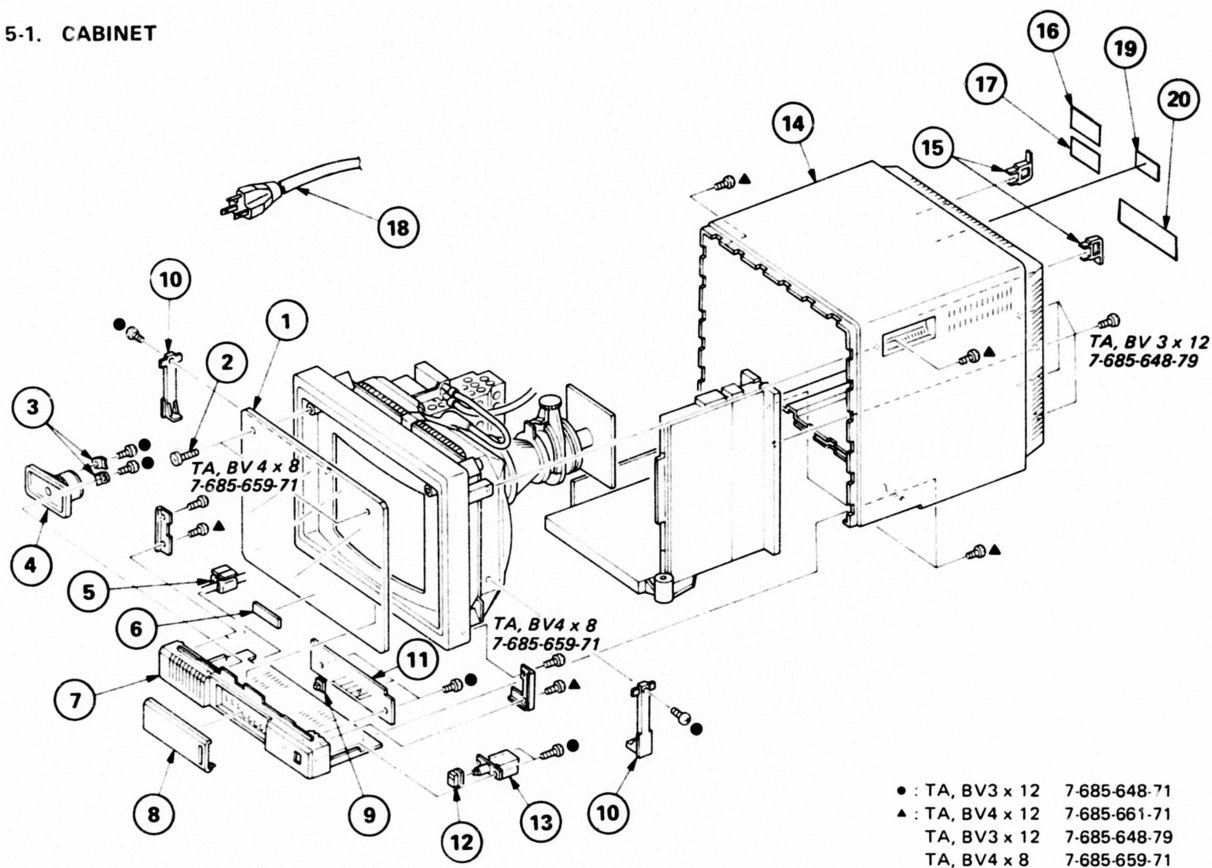
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

- Items marked "♦" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CABINET

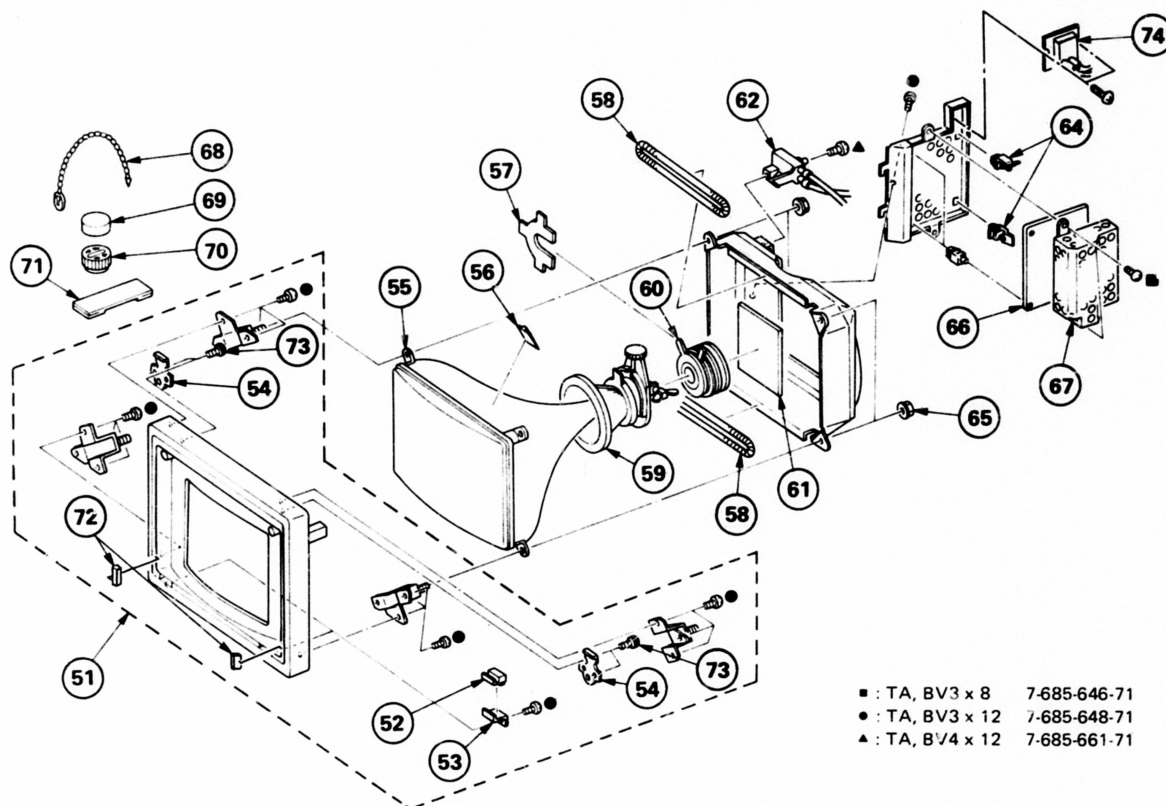


- ♦ : TA, BV3 x 12 7-685-648-71
- ▲ : TA, BV4 x 12 7-685-661-71
- TA, BV3 x 12 7-685-648-79
- TA, BV4 x 8 7-685-659-71

| No. | Part No | Description |
|-----|----------------|---------------------------|
| 1 | 4-364-717-00 | FILTER |
| 2 | 4-336-851-51 | SCREW, ORNAMENTAL |
| 3 | ♦:4-321-611-00 | CLAW, RETAINING, SPEAKER |
| 4 | 1-503-109-00 | SPEAKER |
| 5 | ▲:4-364-726-01 | BUSHING, AC CORD |
| 6 | ♦:X-3701-079-0 | EMBLEM (SMALL) ASSY, SONY |
| 7 | X-4364-701-2 | PANEL ASSY, CONTROL |
| 8 | X-4364-704-2 | DOOR ASSY |
| 9 | 4-349-408-00 | PUSH BUTTON |
| 10 | ♦:4-364-705-00 | TRACKET, FIXED, CRT |
| 11 | ♦:1-609-371-00 | H BOARD |

| Remark | No. | Part No | Description | Remark |
|--------|-----|----------------|-----------------------------|--------|
| | 12 | 4-364-710-00 | BUTTON, POWER | |
| | 13 | ▲:1-553-584-12 | SWITCH, PUSH | |
| | 14 | X-4364-703-0 | CABINET ASSY | 15 |
| | 15 | 4-316-003-00 | HOLDER, CORD | |
| | 16 | ♦:4-365-407-00 | LABEL, MODEL NUMBER (LARGE) | |
| | 17 | 3-701-829-03 | LABEL, X-RAY CERTIF (CND) | |
| 8 | 18 | ▲:1-534-517-23 | AC CORD | |
| | 19 | 3-701-915-00 | LABEL, UL | |
| | 20 | 3-703-209-00 | LABEL, COMMERCIAL USE | |

5-2. BEZEL



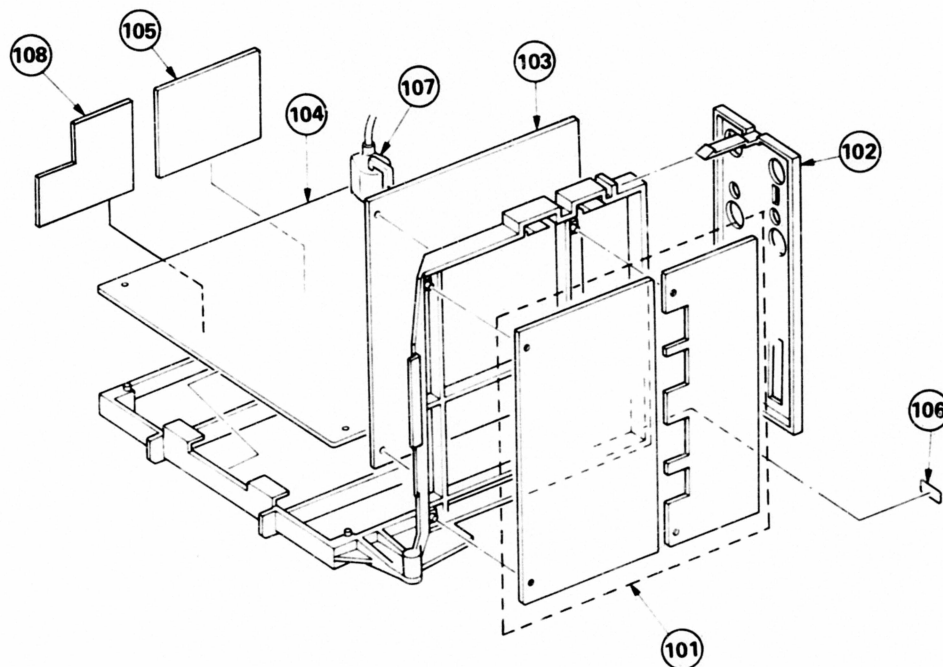
- : TA, BV3 x 8 7-685-646-71
- : TA, BV3 x 12 7-685-648-71
- ▲ : TA, B $\frac{1}{4}$ x 12 7-685-661-71

| No. | Part No | Description | Remark | No. | Part No | Description | Remark |
|-----|----------------|-----------------------------|----------------|-----|----------------|-------------------------------------|--------|
| 51 | X-4364-702-0 | BEZEL ASSY | 52,53,54,72,73 | 63 | ▲:4-364-719-00 | CASE (A) SHIELD | |
| 52 | 4-336-808-00 | PROTECTOR, FILTER | | 64 | ▲:3-703-141-00 | HOLDER, PCB | |
| 53 | 4-364-701-00 | HOLDER, FILTER | | 65 | 4-306-034-00 | FLANGE NUT, (B) 5MM | |
| 54 | ▲:4-341-905-00 | NUT, PLATE (A) | | 66 | ▲:A-1245-182-A | F BOARD, COMPLETE | |
| 55 | ▲:8-738-312-05 | CRT (330YB22) | | 67 | 4-364-720-00 | CASE (B) SHIELD | |
| 56 | 3-703-003-00 | SPACER, DY | | 68 | 4-308-870-00 | CLIP LEAD WIRE | |
| 57 | 1-452-146-00 | MAGNET, BMC | | 69 | 1-452-032-00 | MAGNET, DISC;10MM ϕ | |
| 58 | ▲:1-426-086-12 | COIL, DEGAUSSING | | 70 | 1-452-094-00 | MAGNET, ROTATABLE DISK; 15MM ϕ | |
| 59 | ▲:1-451-160-32 | DEFLECTION YOKE (SY-97) | | 71 | X-4308-815-0 | PERMALLOY ASSY, CONVERGENCE | |
| 60 | ▲:1-452-214-12 | CRT NECK ASSY (H TYPE) | | 72 | 9-911-837-XX | CUSHION (B), FILTER | |
| 61 | ▲:A-1330-452-A | C BOARD, COMPLETE | | 73 | 4-302-428-00 | HEAD WASHER, TAPPING SCREW | |
| 62 | ▲:1-228-482-12 | RESISTOR ASSY, HIGH-VOLTAGE | | 74 | ▲:1-162-142-21 | CAP BLOCK, HIGH VOLTAGE | |

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-3. CHASSIS



| No. | Part No | Description |
|-----|----------------|----------------------|
| 101 | ▲:A-1135-199-A | BA BOARD, COMPLETE |
| 102 | 4-365-402-00 | PANEL (C), CONNECTOR |
| 103 | ▲:A-1135-200-A | BB BOARD, COMPLETE |
| 104 | ▲:A-1345-405-A | D BOARD, COMPLETE |

| Remark | No. | Part No | Description | Remark |
|--------|-----|----------------|---------------------------|--------|
| | 105 | ▲:1-609-701-00 | D2 BOARD | |
| | 106 | ▲:4-337-327-00 | LABEL, OPEN | |
| | 107 | ▲:1-439-308-11 | TRANSFORMER ASSY, FLYBACK | |
| | 108 | ▲:1-610-150-00 | D3 BOARD | |

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

BA

SECTION 6 ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

• Items marked "A" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

RESISTORS
• All resistors are in ohms
• F : nonflammable

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

• All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
• MF : μ F, PF : μ P

COILS
• MMH : mH, UH : μ H

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|----------------|---------------------|-------------------------------|------------------|--------|--------------|-------------|------------------|
| ▲:A-1135-199-A | BA BOARD, COMPLETE | ***** | | C341 | 1-123-379-00 | ELECT | 0.47MF 20% 50V |
| ▲:1-560-278-00 | PLUG, CONNECTOR 12P | | | C342 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V |
| ▲:1-562-243-00 | CONNECTOR 25P | | | C343 | 1-101-006-00 | CERAMIC | 0.047MF 50V |
| ▲:4-603-275-11 | LOCK, SCREW | | | C344 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| | CONNECTOR | | | C345 | 1-102-892-00 | CERAMIC | 22PF 5% 50V |
| BA1 | ▲:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C346 | 1-123-607-00 | ELECT | 0.1MF 20% 50V |
| BA2 | ▲:1-560-224-00 | PLUG, CONNECTOR (2.5MM) 10P | | C347 | 1-123-607-00 | ELECT | 0.1MF 20% 50V |
| BA3 | ▲:1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | | C348 | 1-123-607-00 | ELECT | 0.1MF 20% 50V |
| BA4 | ▲:1-560-124-00 | PLUG, CONNECTOR (2.5MM) 4P | | C349 | 1-123-381-00 | ELECT | 2.2MF 20% 50V |
| BA5 | ▲:1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | | C350 | 1-121-257-00 | ELECT | 4.7MF 16V |
| BA6 | ▲:1-560-124-00 | PLUG, CONNECTOR (2.5MM) 4P | | C351 | 1-101-361-00 | CERAMIC | 150PF 5% 50V |
| BA7 | ▲:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | C352 | 1-102-971-00 | CERAMIC | 82PF 5% 50V |
| BA10 | ▲:1-560-278-00 | PLUG, CONNECTOR 10P | | C353 | 1-102-971-00 | CERAMIC | 82PF 5% 50V |
| | CAPACITOR | | | C354 | 1-101-361-00 | CERAMIC | 150PF 5% 50V |
| C301 | 1-101-361-00 | CERAMIC | 150PF 5% 50V | C355 | 1-121-257-00 | ELECT | 4.7MF 16V |
| C302 | 1-101-884-00 | CERAMIC | 56PF 5% 50V | C356 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V |
| C303 | 1-101-880-00 | CERAMIC | 47PF 5% 50V | C357 | 1-102-809-00 | CERAMIC | 7PF 1PF 50V |
| C304 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C358 | 1-102-809-00 | CERAMIC | 7PF 1PF 50V |
| C305 | 1-101-880-00 | CERAMIC | 47PF 5% 50V | C359 | 1-101-361-00 | CERAMIC | 150PF 5% 50V |
| C306 | 1-102-944-00 | CERAMIC | 7PF 0.5PF 50V | C360 | 1-102-809-00 | CERAMIC | 7PF 1PF 50V |
| C307 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C361 | 1-102-809-00 | CERAMIC | 7PF 1PF 50V |
| C308 | 1-108-385-00 | MYLAR | 0.047MF 10% 100V | C362 | 1-123-332-00 | ELECT | 47MF 20% 16V |
| C309 | 1-108-385-00 | MYLAR | 0.047MF 10% 100V | C363 | 1-123-332-00 | ELECT | 47MF 20% 16V |
| C310 | 1-123-381-00 | ELECT | 2.2MF 20% 50V | C364 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| C311 | 1-102-852-00 | CERAMIC | 47PF 5% 50V | C365 | 1-101-006-00 | CERAMIC | 0.047MF 50V |
| C312 | 1-102-852-00 | CERAMIC | 0.01MF 10% 50V | C366 | 1-123-333-00 | ELECT | 100MF 20% 16V |
| C314 | 1-102-963-00 | CERAMIC | 33PF 5% 50V | C367 | 1-101-006-00 | CERAMIC | 0.047MF 50V |
| C315 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C368 | 1-102-971-00 | CERAMIC | 82PF 5% 50V |
| C316 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C369 | 1-102-824-00 | CERAMIC | 470PF 5% 50V |
| C317 | 1-108-389-00 | MYLAR | 0.1MF 10% 100V | C370 | 1-101-361-00 | CERAMIC | 150PF 5% 50V |
| C319 | 1-123-380-00 | ELECT | 1MF 20% 50V | C371 | 1-108-377-00 | MYLAR | 0.01MF 10% 100V |
| C320 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C372 | 1-123-379-00 | ELECT | 0.47MF 20% 50V |
| C321 | 1-121-380-00 | ELECT | 1MF 20% 50V | C373 | 1-123-382-00 | ELECT | 3.3MF 20% 50V |
| C322 | 1-123-380-00 | ELECT | 1MF 20% 50V | C374 | 1-108-385-00 | MYLAR | 0.047MF 10% 100V |
| C325 | 1-123-328-00 | ELECT | 4.7MF 20% 25V | C375 | 1-101-006-00 | CERAMIC | 0.047MF 50V |
| C326 | 1-102-959-00 | CERAMIC | 22PF 5% 50V | C376 | 1-101-006-00 | CERAMIC | 0.047MF 50V |
| C327 | 1-123-328-00 | ELECT | 4.7MF 20% 25V | C377 | 1-102-115-00 | CERAMIC | 560PF 10% 50V |
| C328 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C378 | 1-123-333-00 | ELECT | 100MF 20% 16V |
| C329 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C379 | 1-102-959-00 | CERAMIC | 22PF 5% 50V |
| C330 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C380 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| C331 | 1-123-332-00 | ELECT | 47MF 20% 16V | C381 | 1-123-332-00 | ELECT | 47MF 20% 16V |
| C332 | 1-123-332-00 | ELECT | 47MF 20% 16V | C382 | 1-123-380-00 | ELECT | 1MF 20% 50V |
| C333 | 1-102-679-00 | CERAMIC | 120PF 5% 50V | C383 | 1-123-380-00 | ELECT | 1MF 20% 50V |
| C334 | 1-123-356-00 | ELECT | 10MF 20% 16V | C384 | 1-123-380-00 | ELECT | 1MF 20% 50V |
| C336 | 1-102-129-00 | CERAMIC | 0.01MF 10% 50V | C385 | 1-123-330-00 | ELECT | 22MF 20% 16V |
| C337 | 1-102-892-00 | CERAMIC | 22PF 5% 50V | C386 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| C338 | 1-123-332-00 | ELECT | 47MF 20% 16V | C387 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| C339 | 1-123-220-00 | ELECT | 1MF 20% 50V | C388 | 1-102-978-00 | CERAMIC | 220PF 5% 50V |
| C340 | 1-108-849-00 | MYLAR | 0.1MF 10% 50V | C389 | 1-123-356-00 | ELECT | 10MF 20% 16V |
| | | | | C391 | 1-123-607-00 | ELECT | 0.1MF 20% 50V |
| | | | | C392 | 1-108-389-00 | MYLAR | 0.1MF 10% 100V |
| | | | | C393 | 1-102-525-00 | CERAMIC | 68PF 5% 50V |
| | | | | C394 | 1-123-356-00 | ELECT | 10MF 20% 16V |

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|--------|--------------|------------------------------|--------|--------|---------|-------------|------------------------------------|
| C395 | 1-102-971-00 | CERAMIC | 82PF | 5% | 50V | D612 | 8-719-100-38 DIODE RD6.2E-B2 |
| C396 | 1-102-961-00 | CERAMIC | 27PF | 5% | 50V | D613 | 8-719-100-38 DIODE RD6.2E-B2 |
| C397 | 1-101-888-00 | CERAMIC | 68PF | 5% | 50V | D614 | 8-719-100-38 DIODE RD6.2E-B2 |
| C398 | 1-102-963-00 | CERAMIC | 33PF | 5% | 50V | D615 | 8-719-100-38 DIODE RD6.2E-B2 |
| C400 | 1-123-330-00 | ELECT | 22MF | 20% | 16V | | |
| | | | | | | DELAY LINE | |
| C403 | 1-101-880-00 | CERAMIC | 47PF | 5% | 50V | DL301 | 1-415-122-31 DELAY LINE |
| C404 | 1-123-332-00 | ELECT | 47MF | 20% | 16V | DL302 | 1-415-188-00 DELAY LINE |
| C405 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | DL303 | 1-415-207-21 DELAY LINE (1H) |
| C406 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C407 | 1-123-356-00 | ELECT | 10MF | 20% | 16V | | |
| | | | | | | IC | |
| C408 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V | IC301 | 8-759-113-65 IC UPC1365C |
| C409 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V | IC302 | 8-759-100-15 IC UPC1364C2 |
| C411 | 1-102-946-00 | CERAMIC | 9PF | 0.5PF | 50V | IC303 | 8-759-140-24 IC UPD4024BC |
| C412 | 1-102-129-00 | CERAMIC | 47PF | 5% | 50V | IC304 | 8-750-000-74 IC CX20061 |
| C413 | 1-102-934-00 | CERAMIC | 1PF | 0.25PF | 50V | IC305 | 8-750-000-74 IC CX20061 |
| | | | | | | IC306 | 8-759-240-23 IC TC4023BP |
| C414 | 1-101-004-00 | CERAMIC | 0.01MF | | 50V | | |
| C415 | 1-101-004-00 | CERAMIC | 0.01MF | | 50V | | |
| C416 | 1-101-888-00 | CERAMIC | 68PF | 5% | 50V | | |
| C418 | 1-102-961-00 | CERAMIC | 27PF | 5% | 50V | | |
| C419 | 1-102-973-00 | CERAMIC | 100PF | 5% | 50V | | |
| | | CONNECTOR | | | | COIL | |
| CN1 | 1-536-783-00 | TERMINAL BOARD, INPUT/OUTPUT | | | | L301 | 1-408-416-00 MICRO INDUCTOR 39UH |
| | | | | | | L302 | 1-408-406-00 MICRO INDUCTOR 5.6UH |
| | | | | | | L304 | 1-408-408-00 MICRO INDUCTOR 8.2UH |
| | | | | | | L308 | 1-408-247-00 MICRO INDUCTOR 33MMH |
| | | | | | | L309 | 1-408-163-00 MICRO INDUCTOR 5.6MMH |
| | | DIODE | | | | L311 | 1-408-445-11 MICRO INDUCTOR 18UH |
| D301 | 8-719-911-19 | DIODE ISS119 | | | | L312 | 1-408-444-11 MICRO INDUCTOR 15UH |
| D302 | 8-719-911-19 | DIODE ISS119 | | | | L313 | 1-408-446-11 MICRO INDUCTOR 22UH |
| D303 | 8-719-911-19 | DIODE ISS119 | | | | L314 | 1-408-442-11 MICRO INDUCTOR 10UH |
| D304 | 8-719-911-19 | DIODE ISS119 | | | | L316 | 1-408-447-11 MICRO INDUCTOR 27UH |
| D305 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D306 | 8-719-911-19 | DIODE ISS119 | | | | L317 | 1-408-445-11 MICRO INDUCTOR 18UH |
| D308 | 8-719-911-19 | DIODE ISS119 | | | | L318 | 1-408-445-11 MICRO INDUCTOR 18UH |
| D309 | 8-719-911-19 | DIODE ISS119 | | | | L320 | 1-408-407-00 MICRO INDUCTOR 6.8UH |
| D310 | 8-719-911-19 | DIODE ISS119 | | | | | |
| D311 | 8-719-911-19 | DIODE ISS119 | | | | TRANSISTOR | |
| | | | | | | Q301 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D312 | 8-719-911-19 | DIODE ISS119 | | | | Q302 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D314 | 8-719-981-01 | DIODE ERA81-004 | | | | Q303 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D315 | 8-719-911-19 | DIODE ISS119 | | | | Q304 | 8-769-200-20 TRANSISTOR 2SK107-2 |
| D317 | 8-719-911-19 | DIODE ISS119 | | | | Q305 | 8-769-200-20 TRANSISTOR 2SK107-2 |
| D319 | 8-719-911-19 | DIODE ISS119 | | | | | |
| | | | | | | Q306 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D320 | 8-719-911-19 | DIODE ISS119 | | | | Q307 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D324 | 8-719-911-19 | DIODE ISS119 | | | | Q308 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D325 | 8-719-911-19 | DIODE ISS119 | | | | Q309 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D326 | 8-719-911-19 | DIODE ISS119 | | | | Q310 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D601 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | | |
| | | | | | | Q311 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D602 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q312 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D603 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q313 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D604 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q314 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D605 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q315 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D606 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | | |
| | | | | | | Q318 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D607 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q320 | 8-729-178-54 TRANSISTOR 2SC2785 |
| D610 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q321 | 8-729-117-54 TRANSISTOR 2SA1175 |
| D611 | 8-719-100-38 | DIODE RD6.2E-B2 | | | | Q322 | 8-729-178-54 TRANSISTOR 2SC2785 |

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| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|-----------------|--------------|---------------------|--------|--------|--------------|-----------------------|--------|
| Q323 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R321 | 1-247-879-00 | CARBON 100K 5% 1/6W | |
| Q324 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R322 | 1-247-827-00 | CARBON 680 5% 1/6W | |
| Q325 | 8-769-200-20 | TRANSISTOR 2SK107-2 | | R323 | 1-247-903-00 | CARBON 1M 5% 1/6W | |
| Q326 | 8-769-200-20 | TRANSISTOR 2SK107-2 | | R324 | 1-247-887-00 | CARBON 220K 5% 1/6W | |
| Q327 | 8-769-200-20 | TRANSISTOR 2SK107-2 | | R325 | 1-247-847-00 | CARBON 4.7K 5% 1/6W | |
| Q328 | 8-769-200-20 | TRANSISTOR 2SK107-2 | | R326 | 1-247-835-00 | CARBON 1.5K 5% 1/6W | |
| Q329 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R327 | 1-247-833-00 | CARBON 1.2K 5% 1/6W | |
| Q336 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R328 | 1-247-877-00 | CARBON 82K 5% 1/6W | |
| Q340 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R329 | 1-247-845-00 | CARBON 3.9K 5% 1/6W | |
| Q341 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R330 | 1-247-849-00 | CARBON 5.6K 5% 1/6W | |
| Q342 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R331 | 1-247-847-00 | CARBON 4.7K 5% 1/6W | |
| Q343 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R332 | 1-247-821-00 | CARBON 390 5% 1/6W | |
| Q344 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R333 | 1-247-815-00 | CARBON 220 5% 1/6W | |
| Q345 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R334 | 1-247-815-00 | CARBON 220 5% 1/6W | |
| Q346 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R335 | 1-247-823-00 | CARBON 470 5% 1/6W | |
| Q347 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R336 | 1-247-871-00 | CARBON 47K 5% 1/6W | |
| Q348 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R337 | 1-247-827-00 | CARBON 680 5% 1/6W | |
| Q349 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R338 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| Q350 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R339 | 1-247-871-00 | CARBON 47K 5% 1/6W | |
| Q351 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R340 | 1-247-815-00 | CARBON 220 5% 1/6W | |
| Q352 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R341 | 1-247-827-00 | CARBON 680 5% 1/6W | |
| Q353 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R342 | 1-247-813-00 | CARBON 180 5% 1/6W | |
| Q354 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R343 | 1-247-843-00 | CARBON 3.3K 5% 1/6W | |
| Q355 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R344 | 1-247-853-00 | CARBON 8.2K 5% 1/6W | |
| Q356 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R345 | 1-247-955-00 | CARBON 10K 5% 1/6W | |
| Q357 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R346 | 1-247-879-00 | CARBON 100K 5% 1/6W | |
| Q358 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R351 | 1-247-807-00 | CARBON 100 5% 1/6W | |
| Q359 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R352 | 1-247-825-00 | CARBON 560 5% 1/6W | |
| Q360 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R353 | 1-247-869-00 | CARBON 39K 5% 1/6W | |
| Q402 | 8-729-117-54 | TRANSISTOR 2SA1175 | | R354 | 1-247-819-00 | CARBON 330 5% 1/6W | |
| Q403 | 8-729-178-54 | TRANSISTOR 2SC2785 | | R356 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| RESISTOR | | | | R357 | 1-247-835-00 | CARBON 1.5K 5% 1/6W | |
| R301 | 1-247-835-00 | CARBON 1.5K 5% 1/6W | | R358 | 1-247-835-00 | CARBON 1.5K 5% 1/6W | |
| R302 | 1-247-835-00 | CARBON 1.5K 5% 1/6W | | R359 | 1-247-833-00 | CARBON 1.2K 5% 1/6W | |
| R303 | 1-247-845-00 | CARBON 3.9K 5% 1/6W | | R360 | 1-247-823-00 | CARBON 470 5% 1/6W | |
| R304 | 1-247-859-00 | CARBON 15K 5% 1/6W | | R361 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R305 | 1-247-867-00 | CARBON 33K 5% 1/6W | | R362 | 1-247-843-00 | CARBON 3.3K 5% 1/6W | |
| R306 | 1-247-879-00 | CARBON 100K 5% 1/6W | | R364 | 1-247-823-00 | CARBON 470 5% 1/6W | |
| R307 | 1-247-859-00 | CARBON 15K 5% 1/6W | | R365 | 1-247-875-00 | CARBON 68K 5% 1/6W | |
| R308 | 1-247-867-00 | CARBON 33K 5% 1/6W | | R366 | 1-247-863-00 | CARBON 22K 5% 1/6W | |
| R309 | 1-247-823-00 | CARBON 470 5% 1/6W | | R367 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R310 | 1-247-839-00 | CARBON 2.2K 5% 1/6W | | R368 | 1-247-855-00 | CARBON 10K 5% 1/6W | |
| R311 | 1-247-845-00 | CARBON 3.9K 5% 1/6W | | R369 | 1-247-871-00 | CARBON 47K 5% 1/6W | |
| R312 | 1-247-903-00 | CARBON 1M 5% 1/6W | | R370 | 1-247-875-00 | CARBON 68K 5% 1/6W | |
| R313 | 1-247-875-00 | CARBON 68K 5% 1/6W | | R371 | 1-247-847-00 | CARBON 4.7K 5% 1/6W | |
| R314 | 1-247-903-00 | CARBON 1M 5% 1/6W | | R372 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R315 | 1-247-807-00 | CARBON 100 5% 1/6W | | R373 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R316 | 1-247-839-00 | CARBON 2.2K 5% 1/6W | | R374 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R317 | 1-247-865-00 | CARBON 27K 5% 1/6W | | R375 | 1-247-871-00 | CARBON 47K 5% 1/6W | |
| R318 | 1-247-865-00 | CARBON 27K 5% 1/6W | | R377 | 1-247-829-00 | CARBON 820 5% 1/6W | |
| R319 | 1-247-831-00 | CARBON 1K 5% 1/6W | | R378 | 1-246-996-00 | CARBON 2.2K 5% 1/8W F | |
| R320 | 1-247-827-00 | CARBON 680 5% 1/6W | | R379 | 1-247-853-00 | CARBON 8.2K 5% 1/6W | |
| | | | | R380 | 1-247-837-00 | CARBON 1.8K 5% 1/6W | |

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|--------|--------------|-------------|--------------|--------|--------------|-------------|--------------|
| R381 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R441 | 1-247-875-00 | CARBON | 68K 5% 1/6W |
| R382 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R442 | 1-247-873-00 | CARBON | 56K 5% 1/6W |
| R383 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R443 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W |
| R384 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R444 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W |
| R385 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R445 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R386 | 1-247-885-00 | CARBON | 180K 5% 1/6W | R446 | 1-247-857-00 | CARBON | 12K 5% 1/6W |
| R387 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W | R447 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R388 | 1-247-859-00 | CARBON | 15K 5% 1/6W | R448 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R389 | 1-247-859-00 | CARBON | 15K 5% 1/6W | R449 | 1-247-871-00 | CARBON | 47K 5% 1/6W |
| R390 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R451 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W |
| R391 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R452 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R392 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R453 | 1-247-815-00 | CARBON | 220 5% 1/6W |
| R393 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R454 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R394 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R455 | 1-202-463-00 | SOLID | 2.2M 5% 1/4W |
| R395 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R456 | 1-247-803-00 | CARBON | 68 5% 1/6W |
| R396 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R457 | 1-247-815-00 | CARBON | 220 5% 1/6W |
| R397 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R458 | 1-247-817-00 | CARBON | 270 5% 1/6W |
| R398 | 1-247-859-00 | CARBON | 15K 5% 1/6W | R459 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R400 | 1-247-877-00 | CARBON | 82K 5% 1/6W | R460 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R401 | 1-247-873-00 | CARBON | 56K 5% 1/6W | R461 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R402 | 1-247-883-00 | CARBON | 150K 5% 1/6W | R462 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R403 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R463 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R404 | 1-247-869-00 | CARBON | 39K 5% 1/6W | R464 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R405 | 1-247-891-00 | CARBON | 330K 5% 1/6W | R465 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R406 | 1-247-870-00 | CARBON | 43K 5% 1/6W | R466 | 1-247-835-00 | CARBON | 1.5K 5% 1/6W |
| R407 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R468 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R408 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R469 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R409 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W | R470 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R410 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R471 | 1-247-857-00 | CARBON | 12K 5% 1/6W |
| R411 | 1-247-854-00 | CARBON | 9.1K 5% 1/6W | R472 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R412 | 1-246-505-00 | CARBON | 22K 5% 1/4W | R473 | 1-247-837-00 | CARBON | 1.8K 5% 1/6W |
| R413 | 1-247-815-00 | CARBON | 220 5% 1/6W | R474 | 1-247-875-00 | CARBON | 68K 5% 1/6W |
| R414 | 1-247-853-00 | CARBON | 8.2K 5% 1/6W | R475 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R415 | 1-247-815-00 | CARBON | 220 5% 1/6W | R477 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R416 | 1-247-853-00 | CARBON | 8.2K 5% 1/6W | R478 | 1-247-819-00 | CARBON | 330 5% 1/6W |
| R417 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R479 | 1-247-867-00 | CARBON | 33K 5% 1/6W |
| R418 | 1-247-903-00 | CARBON | 1M 5% 1/6W | R480 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W |
| R419 | 1-247-837-00 | CARBON | 1.8K 5% 1/6W | R481 | 1-247-829-00 | CARBON | 820 5% 1/6W |
| R420 | 1-247-835-00 | CARBON | 1.5K 5% 1/6W | R482 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R424 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R483 | 1-247-815-00 | CARBON | 220 5% 1/6W |
| R425 | 1-247-807-00 | CARBON | 100 5% 1/6W | R484 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R426 | 1-247-876-00 | CARBON | 75K 5% 1/6W | R485 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R428 | 1-247-825-00 | CARBON | 560 5% 1/6W | R486 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R429 | 1-247-859-00 | CARBON | 15K 5% 1/6W | R487 | 1-247-867-00 | CARBON | 33K 5% 1/6W |
| R430 | 1-247-807-00 | CARBON | 100 5% 1/6W | R490 | 1-247-875-00 | CARBON | 68K 5% 1/6W |
| R431 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R492 | 1-247-879-00 | CARBON | 100K 5% 1/6W |
| R433 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R493 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R434 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R494 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R435 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W | R495 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R436 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R496 | 1-247-871-00 | CARBON | 47K 5% 1/6W |
| R437 | 1-247-873-00 | CARBON | 56K 5% 1/6W | R497 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R438 | 1-247-838-00 | CARBON | 2K 5% 1/6W | R498 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R440 | 1-247-807-00 | CARBON | 100 5% 1/6W | R499 | 1-247-855-00 | CARBON | 10K 5% 1/6W |

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| Ref.No | Part No | Description | 68K | 5% | 1/6W |
|--------|--------------|-------------|-----|----|------|
| R501 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R502 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R503 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R504 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R505 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R506 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R507 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R508 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R509 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R510 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |

| | | | | | |
|------|--------------|--------|-----|----|------|
| R511 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R512 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R513 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W |
| R514 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W |
| R515 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W |

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|------|--------------|--------|------|----|------|
| R516 | 1-247-813-00 | CARBON | 180 | 5% | 1/6W |
| R517 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R518 | 1-247-823-00 | CARBON | 470 | 5% | 1/6W |
| R519 | 1-247-843-00 | CARBON | 3.3K | 5% | 1/6W |
| R520 | 1-247-835-00 | CARBON | 1.5K | 5% | 1/6W |

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|------|--------------|--------|------|----|------|
| R521 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R523 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R524 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R525 | 1-247-869-00 | CARBON | 39K | 5% | 1/6W |
| R528 | 1-247-843-00 | CARBON | 3.3K | 5% | 1/6W |

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|------|--------------|--------|------|----|------|
| R530 | 1-247-814-00 | CARBON | 200 | 5% | 1/6W |
| R534 | 1-247-826-00 | CARBON | 620 | 5% | 1/6W |
| R535 | 1-247-878-00 | CARBON | 91K | 5% | 1/6W |
| R536 | 1-247-882-00 | CARBON | 130K | 5% | 1/6W |
| R537 | 1-247-865-00 | CARBON | 27K | 5% | 1/6W |

| | | | | | |
|------|--------------|--------|-----|----|------|
| R538 | 1-247-872-00 | CARBON | 51K | 5% | 1/6W |
| R539 | 1-247-829-00 | CARBON | 820 | 5% | 1/6W |
| R540 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R541 | 1-247-827-00 | CARBON | 680 | 5% | 1/6W |
| R542 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |

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|------|--------------|--------|------|----|------|
| R543 | 1-247-838-00 | CARBON | 2K | 5% | 1/6W |
| R545 | 1-247-883-00 | CARBON | 150K | 5% | 1/6W |
| R573 | 1-246-480-00 | CARBON | 2K | 5% | 1/4W |
| R841 | 1-247-870-00 | CARBON | 43K | 5% | 1/6W |
| R842 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W |

VARIABLE RESISTOR

| | | |
|-------|--------------|-----------------------|
| RV301 | 1-226-849-00 | RES, ADJ, CARBON 3.3K |
| RV302 | 1-226-852-00 | RES, ADJ, CARBON 22K |
| RV303 | 1-226-852-00 | RES, ADJ, CARBON 22K |
| RV305 | 1-226-853-00 | RES, ADJ, CARBON 47K |
| RV306 | 1-226-850-00 | RES, ADJ, CARBON 4.7K |

| | | |
|-------|--------------|-----------------------|
| RV307 | 1-226-850-00 | RES, ADJ, CARBON 4.7K |
| RV308 | 1-226-846-00 | RES, ADJ, CARBON 470 |
| RV309 | 1-226-851-00 | RES, ADJ, CARBON 10K |
| RV330 | 1-226-845-00 | RES, ADJ, CARBON 330 |
| RV331 | 1-226-847-00 | RES, ADJ, CARBON 1K |

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|-------|--------------|-----------------------|
| RV332 | 1-226-849-00 | RES, ADJ, CARBON 3.3K |
|-------|--------------|-----------------------|

| Ref.No | Part No | Description | Remark |
|--------|---------|-------------|--------|
|--------|---------|-------------|--------|

SWITCH

| | | |
|----|--------------|---------------|
| S1 | 1-553-725-00 | SWITCH, SLIDE |
| S2 | 1-553-725-00 | SWITCH, SLIDE |
| S3 | 1-553-725-00 | SWITCH, SLIDE |
| S4 | 1-553-725-00 | SWITCH, SLIDE |
| S5 | 1-553-725-00 | SWITCH, SLIDE |
| S6 | 1-553-725-00 | SWITCH, SLIDE |

TRANSFORMER

| | | |
|------|--------------|----------------------------|
| T301 | 1-425-786-00 | TRANSFORMER, BANDPASS(BPT) |
| T302 | 1-404-081-00 | TRANSFORMER, DELAY ADJUST |
| T303 | 1-404-146-00 | TRANSFORMER |
| T304 | 1-408-532-00 | COIL, VARIABLE |
| T305 | 1-408-532-00 | COIL, VARIABLE |
| T306 | 1-408-513-00 | COIL (VARIABLE) |
| T307 | 1-409-193-00 | COIL 3.58MHZ TRAP |
| T308 | 1-409-193-00 | COIL 3.58MHZ TRAP |
| T309 | 1-408-513-00 | COIL (VARIABLE) |

THERMISTOR

| | | |
|-------|--------------|--------------------|
| TH301 | 1-800-626-00 | THERMISTOR |
| TH302 | 1-800-944-00 | THERMISTOR TH-4700 |

CRYSTAL

| | | |
|------|--------------|--------------|
| X301 | 1-527-396-00 | CRYSTAL, OSC |
| X302 | 1-527-345-00 | CRYSTAL, OSC |

♣:A-1135-200-A BB BOARD, COMPLETE

1-536-781-00 TERMINAL BOARD, INPUT/PUTPUT
♣:4-323-833-00 HEAT SINK, PIN OUT

CONNECTOR

| | | |
|-----|----------------|-------------------------------|
| BB1 | ♣:1-560-128-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB2 | ♣:1-560-224-00 | PLUG, CONNECTOR (2.5MM) 10P |
| BB3 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB4 | ♣:1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |
| BB6 | ♣:1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P |

| | | |
|------|----------------|-------------------------------|
| BB7 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB8 | ♣:1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |
| BB9 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB11 | ♣:1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P |
| BB12 | ♣:1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |

| | | |
|------|----------------|-------------------------------|
| BB13 | ♣:1-560-156-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB14 | ♣:1-560-224-00 | PLUG, CONNECTOR (2.5MM) 10P |
| BB15 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB16 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB17 | ♣:1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P |

| | | |
|------|----------------|-------------------------------|
| BB18 | ♣:1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| BB19 | ♣:1-508-765-00 | 3P PLUG (M) |

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|------------------|--------------|-------------|----------|--------|---------|-------------|--------|
| <u>CAPACITOR</u> | | | | | | | |
| C601 | 1-123-328-00 | ELECT | 4.7MF | 20% | 25V | | |
| C602 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C603 | 1-123-331-00 | ELECT | 33MF | 20% | 25V | | |
| C604 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C605 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C606 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C607 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C608 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C609 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C611 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C613 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C615 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C617 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C618 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C620 | 1-123-331-00 | ELECT | 33MF | 20% | 25V | | |
| C621 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C622 | 1-123-331-00 | ELECT | 33MF | 20% | 25V | | |
| C623 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C624 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C626 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C627 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C631 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C632 | 1-102-824-00 | CERAMIC | 470PF | 5% | 50V | | |
| C633 | 1-102-824-00 | CERAMIC | 470PF | 5% | 50V | | |
| C634 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C637 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C640 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C641 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C642 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C643 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C644 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C645 | 1-102-820-00 | CERAMIC | 330PF | 5% | 50V | | |
| C646 | 1-102-820-00 | CERAMIC | 330PF | 5% | 50V | | |
| C647 | 1-102-820-00 | CERAMIC | 330PF | 5% | 50V | | |
| C648 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C649 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C650 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C651 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C652 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C653 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C654 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C655 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C656 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C657 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C658 | 1-123-382-00 | ELECT | 3.3MF | 20% | 50V | | |
| C659 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C661 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C662 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C663 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C664 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C665 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C666 | 1-102-980-00 | CERAMIC | 270PF | 5% | 50V | | |
| C667 | 1-102-980-00 | CERAMIC | 270PF | 5% | 50V | | |
| C668 | 1-102-980-00 | CERAMIC | 270PF | 5% | 50V | | |
| C669 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C670 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C671 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C672 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C676 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C677 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C680 | 1-102-980-00 | CERAMIC | 270PF | 5% | 50V | | |
| C681 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C682 | 1-102-980-00 | CERAMIC | 270PF | 5% | 50V | | |
| C683 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C685 | 1-123-333-00 | ELECT | 100MF | 20% | 25V | | |
| C687 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C688 | 1-123-356-00 | ELECT | 10MF | 20% | 25V | | |
| C689 | 1-102-125-00 | CERAMIC | 0.0047MF | 10% | 50V | | |
| C690 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C691 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C692 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C693 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C698 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C699 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C701 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C702 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C705 | 1-102-666-00 | CERAMIC | 12PF | 5% | 50V | | |
| C706 | 1-102-666-00 | CERAMIC | 12PF | 5% | 50V | | |
| C707 | 1-102-666-00 | CERAMIC | 12PF | 5% | 50V | | |
| C708 | 1-123-332-00 | ELECT | 47MF | 20% | 25V | | |
| C710 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C711 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C713 | 1-108-624-61 | MYLAR | 0.0068MF | 10% | 100V | | |
| C715 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C716 | 1-102-129-00 | CERAMIC | 0.01MF | 10% | 50V | | |
| C721 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C722 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C722B | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C723 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C723B | 1-123-380-00 | ELECT | 1MF | 20% | 50V | | |
| C724 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C725 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V | | |
| C726 | 1-101-004-00 | CERAMIC | 0.01MF | | 50V | | |
| <u>DIODE</u> | | | | | | | |
| D601 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D602 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D603 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D604 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D605 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D606 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D607 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D608 | 8-719-911-19 | DIODE | 1SS119 | | | | |
| D609 | 8-719-911-19 | DIODE | 1SS119 | | | | |

BB

| Ref.No | Part No | Description |
|--------|--------------|-----------------|
| D610 | 8-719-911-19 | DIODE ISS119 |
| D611 | 8-719-911-19 | DIODE ISS119 |
| D612 | 8-719-911-19 | DIODE ISS119 |
| D613 | 8-719-100-38 | DIODE RD6.2E-B2 |
| D616 | 8-719-981-01 | DIODE ERA81-004 |

IC

| | | |
|-------|--------------|--------------|
| IC603 | 8-759-900-00 | IC SN74LS00N |
| IC604 | 6-759-900-00 | IC SN74LS00N |
| IC606 | 8-759-951-54 | IC SN75154N |
| IC607 | 8-759-974-06 | IC SN7406N |
| IC608 | 8-750-000-74 | IC CX20061 |
| IC609 | 8-750-000-74 | IC CX20061 |
| IC610 | 8-750-000-74 | IC CX20061 |
| IC611 | 8-752-201-90 | IC CX22019 |
| IC612 | 8-759-905-10 | IC CX884 |
| IC614 | 8-750-000-74 | IC CX20061 |
| IC615 | 8-759-170-05 | IC UPC78M05H |

COIL

| | | |
|------|--------------|----------------------|
| L601 | 1-408-226-00 | MICRO INDUCTOR 82UH |
| L602 | 1-408-399-00 | MICRO INDUCTOR 1.5UH |
| L603 | 1-408-399-00 | MICRO INDUCTOR 1.5UH |
| L604 | 1-408-399-00 | MICRO INDUCTOR 1.5UH |

TRANSISTOR

| | | |
|------|--------------|--------------------|
| Q601 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q602 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q603 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q604 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q605 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q606 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q608 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q611 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q612 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q613 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q614 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q615 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q616 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q617 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q618 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q619 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q620 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q621 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q622 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q623 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q624 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q625 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q626 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q627 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q628 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q629 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q630 | 8-729-178-54 | TRANSISTOR 2SC2785 |

Remark

| Ref.No | Part No | Description |
|--------|--------------|--------------------|
| Q631 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q632 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q633 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q634 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q635 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q636 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q637 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q638 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q639 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q640 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q641 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q642 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q643 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q644 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q645 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q646 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q649 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q650 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q651 | 8-729-313-42 | TRANSISTOR 2SD1134 |

RESISTOR

| | | | | | |
|------|--------------|--------|------|----|------|
| R601 | 1-247-881-00 | CARBON | 120K | 5% | 1/6W |
| R602 | 1-247-895-00 | CARBON | 470K | 5% | 1/6W |
| R603 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R604 | 1-247-842-00 | CARBON | 3K | 5% | 1/6W |
| R606 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R607 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R608 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W |
| R610 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R612 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R615 | 1-247-817-00 | CARBON | 270 | 5% | 1/6W |
| R616 | 1-247-835-00 | CARBON | 1.5K | 5% | 1/6W |
| R618 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R619 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R620 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R621 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R622 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R623 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R624 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R625 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R626 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R627 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R628 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R629 | 1-247-875-00 | CARBON | 68K | 5% | 1/6W |
| R630 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R631 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R632 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W |
| R633 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W |
| R634 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R635 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W |
| R636 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |
| R637 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W |
| R638 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W |

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|--------|--------------|-------------|--------------|--------|--------------|-------------|--------------|
| R639 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R698 | 1-247-815-00 | CARBON | 220 5% 1/6W |
| R640 | 1-247-871-00 | CARBON | 47K 5% 1/6W | R699 | 1-247-901-00 | CARBON | 820K 5% 1/6W |
| R641 | 1-246-873-11 | CARBON | 22 5% 1/4W F | R700 | 1-247-901-00 | CARBON | 820K 5% 1/6W |
| R642 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R701 | 1-247-901-00 | CARBON | 820K 5% 1/6W |
| R644 | 1-247-807-00 | CARBON | 100 5% 1/6W | R702 | 1-247-869-00 | CARBON | 39K 5% 1/6W |
| R645 | 1-247-825-00 | CARBON | 560 5% 1/6W | R703 | 1-247-883-00 | CARBON | 150K 5% 1/6W |
| R646 | 1-247-820-00 | CARBON | 360 5% 1/6W | R704 | 1-247-867-00 | CARBON | 33K 5% 1/6W |
| R651 | 1-247-807-00 | CARBON | 100 5% 1/6W | R705 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W |
| R652 | 1-247-807-00 | CARBON | 100 5% 1/6W | R707 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R653 | 1-247-807-00 | CARBON | 100 5% 1/6W | R708 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W |
| R654 | 1-247-807-00 | CARBON | 100 5% 1/6W | R709 | 1-247-791-00 | CARBON | 22 5% 1/6W |
| R656 | 1-247-807-00 | CARBON | 100 5% 1/6W | R710 | 1-247-825-00 | CARBON | 560 5% 1/6W |
| R657 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R711 | 1-247-799-00 | CARBON | 47 5% 1/6W |
| R658 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R712 | 1-247-791-00 | CARBON | 22 5% 1/6W |
| R659 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R713 | 1-247-799-00 | CARBON | 47 5% 1/6W |
| R660 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R714 | 1-247-825-00 | CARBON | 560 5% 1/6W |
| R661 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R715 | 1-247-791-00 | CARBON | 22 5% 1/6W |
| R662 | 1-247-841-00 | CARBON | 2.7K 5% 1/6W | R716 | 1-247-825-00 | CARBON | 560 5% 1/6W |
| R663 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R717 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W |
| R664 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R718 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W |
| R665 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R719 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W |
| R666 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R720 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W |
| R667 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R721 | 1-247-845-00 | CARBON | 3.9K 5% 1/6W |
| R668 | 1-247-807-00 | CARBON | 100 5% 1/6W | R722 | 1-247-838-00 | CARBON | 2K 5% 1/6W |
| R669 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R723 | 1-247-838-00 | CARBON | 2K 5% 1/6W |
| R670 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R724 | 1-247-838-00 | CARBON | 2K 5% 1/6W |
| R671 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R725 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R672 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R726 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R673 | 1-247-807-00 | CARBON | 100 5% 1/6W | R727 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R674 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R728 | 1-247-871-00 | CARBON | 47K 5% 1/6W |
| R675 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R729 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R676 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R730 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R677 | 1-247-807-00 | CARBON | 100 5% 1/6W | R731 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R678 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R732 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R679 | 1-247-857-00 | CARBON | 12K 5% 1/6W | R733 | 1-247-851-00 | CARBON | 6.8K 5% 1/6W |
| R680 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R734 | 1-247-824-00 | CARBON | 510 5% 1/6W |
| R681 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R735 | 1-247-848-00 | CARBON | 5.1K 5% 1/6W |
| R682 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R736 | 1-247-842-00 | CARBON | 3K 5% 1/6W |
| R683 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R737 | 1-247-885-00 | CARBON | 180K 5% 1/6W |
| R684 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R738 | 1-247-862-00 | CARBON | 20K 5% 1/6W |
| R685 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R739 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W |
| R686 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R740 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R687 | 1-247-859-00 | CARBON | 15K 5% 1/6W | R741 | 1-247-804-00 | CARBON | 75 5% 1/6W |
| R688 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R742 | 1-247-859-00 | CARBON | 15K 5% 1/6W |
| R689 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R743 | 1-247-804-00 | CARBON | 75 5% 1/6W |
| R690 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R744 | 1-247-859-00 | CARBON | 15K 5% 1/6W |
| R691 | 1-247-807-00 | CARBON | 100 5% 1/6W | R745 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R692 | 1-247-807-00 | CARBON | 100 5% 1/6W | R746 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R693 | 1-247-807-00 | CARBON | 100 5% 1/6W | R747 | 1-247-804-00 | CARBON | 75 5% 1/6W |
| R694 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R748 | 1-247-859-00 | CARBON | 15K 5% 1/6W |
| R695 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R749 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R696 | 1-247-815-00 | CARBON | 220 5% 1/6W | R750 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W |
| R697 | 1-247-815-00 | CARBON | 220 5% 1/6W | R751 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W |

BB**F**

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|--------|--------------|-------------|---------------|--------------------------|-------------------|----------------------------|-------------------|
| R752 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R820 | 1-247-863-00 | CARBON | 22K 5% 1/6W |
| R753 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R821 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R754 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R822 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R755 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R823 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R756 | 1-247-821-00 | CARBON | 390 5% 1/6W | R824 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R757 | 1-247-807-00 | CARBON | 100 5% 1/6W | R825 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R758 | 1-247-821-00 | CARBON | 390 5% 1/6W | R826 | 1-247-807-00 | CARBON | 100 5% 1/6W |
| R759 | 1-247-807-00 | CARBON | 100 5% 1/6W | R827 | 1-247-823-00 | CARBON | 470 5% 1/6W |
| R760 | 1-247-821-00 | CARBON | 390 5% 1/6W | R841 | 1-215-469-00 | CARBON | 100K 5% 1/6W |
| R761 | 1-247-807-00 | CARBON | 100 5% 1/6W | R842 | 1-215-460-00 | CARBON | 43K 5% 1/6W |
| R762 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | VARIABLE RESISTOR | | | |
| R763 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | RV601 | 1-226-772-00 | RES, ADJ, METAL GLAZE 4.7K | |
| R764 | 1-247-817-00 | CARBON | 270 5% 1/6W | RV602 | 1-226-773-00 | RES, ADJ, METAL GLAZE 22K | |
| R765 | 1-247-838-00 | CARBON | 2K 5% 1/6W | RV603 | 1-226-773-00 | RES, ADJ, METAL GLAZE 22K | |
| R766 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W | RV604 | 1-226-773-00 | RES, ADJ, METAL GLAZE 22K | |
| R767 | 1-247-831-00 | CARBON | 1K 5% 1/6W | RV605 | 1-226-773-00 | RES, ADJ, METAL GLAZE 22K | |
| R768 | 1-247-859-00 | CARBON | 15K 5% 1/6W | ***** | | | |
| R769 | 1-247-804-00 | CARBON | 75 5% 1/6W | ▲:A-1245-182-A | F BOARD, COMPLETE | ***** | |
| R770 | 1-247-831-00 | CARBON | 1K 5% 1/6W | ▲:1-534-517-23 | AC CORD | | |
| R771 | 1-247-859-00 | CARBON | 15K 5% 1/6W | 1-543-194-00 | CORE, BEAD | | |
| R772 | 1-247-886-00 | CARBON | 200K 5% 1/6W | 3-701-810-31 | SCREW, TERMINAL | | |
| R773 | 1-247-846-00 | CARBON | 4.3K 5% 1/6W | ▲:3-701-947-19 | LABEL, FUSE | | |
| R774 | 1-247-851-00 | CARBON | 6.8K 5% 1/6W | ▲:3-703-141-00 | HOLDER, PCB | | |
| R776 | 1-247-859-00 | CARBON | 15K 5% 1/6W | 4-312-237-00 | CLIP, CABLE | | |
| R777 | 1-247-895-00 | CARBON | 470K 5% 1/6W | ▲:4-364-719-00 | CASE (A), SHIELD | | |
| R778 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | ▲:4-364-720-00 | CASE (B), SHIELD | | |
| R779 | 1-247-831-00 | CARBON | 1K 5% 1/6W | CAPACITOR | | | |
| R780 | 1-247-871-00 | CARBON | 47K 5% 1/6W | C601 | ▲:1-108-745-52 | MYLAR | 0.22MF 20% 125V |
| R781 | 1-247-867-00 | CARBON | 33K 5% 1/6W | C602 | ▲:1-108-745-52 | MYLAR | 0.22MF 20% 125V |
| R782 | 1-247-863-00 | CARBON | 22K 5% 1/6W | C605 | 1-108-745-00 | MYLAR | 0.22MF 20% 125V |
| R783 | 1-247-863-00 | CARBON | 22K 5% 1/6W | C606 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R785 | 1-247-849-00 | CARBON | 5.6K 5% 1/6W | C607 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R786 | 1-247-823-00 | CARBON | 470 5% 1/6W | C608 | 1-125-287-00 | ELECT(BLOCK) | 430MF 400V |
| R788 | 1-247-859-00 | CARBON | 15K 5% 1/6W | C609 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R789 | 1-247-831-00 | CARBON | 1K 5% 1/6W | C610 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R790 | 1-247-831-00 | CARBON | 1K 5% 1/6W | C611 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R791 | 1-211-536-00 | CARBON | 390 5% 1/4W F | C612 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R792 | 1-212-360-00 | METAL OXIDE | 1 5% 1W F | C613 | 1-161-748-00 | CERAMIC | 0.0047MF 125V |
| R793 | 1-247-855-00 | CARBON | 10K 5% 1/6W | C616 | 1-129-706-51 | FILM | 0.0022MF 10% 630V |
| R794 | 1-247-807-00 | CARBON | 100 5% 1/6W | C617 | 1-102-327-00 | CERAMIC | 330PF 15% 1.5KV |
| R795 | 1-213-125-00 | METAL OXIDE | 33 5% 1W F | C618 | 1-123-360-00 | ELECT | 100MF 20% 50V |
| R797 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | C619 | 1-123-335-00 | ELECT | 330MF 20% 25V |
| R798 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | C620 | 1-123-381-00 | ELECT | 2.2MF 20% 50V |
| R799 | 1-247-861-00 | CARBON | 18K 5% 1/6W | C621 | 1-102-002-00 | CERAMIC | 680PF 10% 500V |
| R800 | 1-247-807-00 | CARBON | 100 5% 1/6W | C622 | 1-108-376-00 | MYLAR | 0.0082MF 10% 100V |
| R801 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | C623 | 1-102-959-00 | CERAMIC | 22PF 5% 50V |
| R806 | 1-246-446-00 | CARBON | 75 5% 1/4W | C624 | 1-108-367-00 | MYLAR | 0.0022MF 10% 100V |
| R810 | 1-247-799-00 | CARBON | 47 5% 1/6W | C625 | 1-108-379-00 | MYLAR | 0.015MF 10% 100V |
| R811 | 1-247-838-00 | CARBON | 2K 5% 1/6W | C626 | 1-102-327-00 | CERAMIC | 330PF 15% 1.5KV |
| R812 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | | | | |
| R814 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | | | | |
| R815 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | | | | |
| R817 | 1-247-831-00 | CARBON | 1K 5% 1/6W | | | | |

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

F

C

| Ref.No | Part No | Description | Remark |
|--------|--------------|------------------|----------|
| C627 | 1-123-024-00 | ELECT 33MF | 160V |
| C628 | 1-124-131-00 | ELECT 47MF | 20% 100V |
| C630 | 1-102-030-00 | CERAMIC 330PF | 10% 500V |
| C631 | 1-124-128-00 | ELECT 470MF | 20% 25V |
| C632 | 1-124-128-00 | ELECT 470MF | 20% 25V |
| C634 | 1-102-030-00 | CERAMIC 330PF | 10% 500V |
| C636 | 1-123-332-00 | ELECT 47MF | 20% 25V |
| C637 | 1-102-121-00 | CERAMIC 0.0022MF | 10% 50V |
| C638 | 1-123-332-00 | ELECT 47MF | 20% 16V |
| C639 | 1-108-849-00 | MYLAR 0.1MF | 10% 50V |

DIODE

| | | | |
|------|--------------|-----------------|--|
| D601 | 8-719-911-55 | DIODE U05G | |
| D602 | 8-719-503-06 | DIODE S3WB60Z | |
| D603 | 8-719-100-68 | DIODE RD13E-B2 | |
| D605 | 8-719-901-83 | DIODE 1SS83 | |
| D606 | 8-719-300-45 | DIODE EM1Z | |
| D607 | 8-719-300-45 | DIODE EM1Z | |
| D608 | 8-719-901-83 | DIODE 1SS83 | |
| D609 | 8-719-901-93 | DIODE V19E | |
| D610 | 8-719-928-08 | DIODE ERD28-08 | |
| D611 | 8-719-901-93 | DIODE V19E | |
| D612 | 8-719-907-30 | DIODE ERB84-009 | |
| D613 | 8-719-901-93 | DIODE V19E | |

CONNECTOR

| | | | |
|----|----------------|-------------|--|
| F1 | ▲:1-506-371-00 | 2P PLUG (L) | |
| F2 | ▲:1-506-371-00 | 2P PLUG (L) | |
| F3 | ▲:1-508-765-00 | 3P PLUG (M) | |
| F4 | ▲:1-508-765-00 | 6P PLUG | |

FUSE

| | | | |
|------|----------------|-----------------------|--|
| F601 | ▲:1-532-656-11 | FUSE, GLASS TUBE 6.3A | |
| | ▲:1-533-087-00 | HOLDER, FUSE, F601 | |

IC

| | | | |
|-------|----------------|-----------------------|--|
| IC601 | 8-759-046-00 | IC TDA4600 | |
| | ▲:4-356-301-00 | HEAT SINK (D) , IC601 | |

COIL

| | | | |
|------|--------------|-------------------------|--|
| L601 | 1-408-225-00 | MICRO INDUCTOR 3.3UH | |
| L602 | 1-408-421-00 | MICRO INDUCTOR 100UH | |
| L603 | 1-425-613-00 | COIL, AIR-CORE, QF TYPE | |
| L604 | 1-459-215-00 | CORE COIL | |
| L605 | 1-408-403-00 | MICRO INDUCTOR 3.3UH | |
| L608 | 1-459-215-00 | CORE COIL | |
| L610 | 1-407-184-XX | MICRO INDUCTOR 3.3UH | |
| L611 | 1-407-364-00 | COIL, SPOOK CHOKE | |
| L612 | 1-407-184-XX | MICRO INDUCTOR 3.3UH | |

THERMISTOR

| | | | |
|--------|--------------|-----------------------|--|
| PTH601 | 1-800-686-31 | THERMISTOR (POSITIVE) | |
|--------|--------------|-----------------------|--|

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref.No | Part No | Description | Remark |
|--------|---------|-------------|--------|
|--------|---------|-------------|--------|

TRANSISTOR

| | | | |
|----------------|--------------|------------------------------------|--|
| Q601 | 8-719-000-28 | THYRISTOR CR02AM-8 | |
| Q602 | 8-729-281-10 | TRANSISTOR 2SD811 | |
| | 3-701-353-00 | SPACER, MICA , Q602 | |
| | 3-701-609-00 | BUSHING (B), TR , Q602 | |
| ▲:4-314-938-01 | | RETAINER (TO-3), TRANSISTOR , Q602 | |
| ▲:4-336-010-00 | | HEAT SINK , Q602 | |

RESISTOR

| | | | |
|--------|----------------|---------------------|--------|
| R602 | 1-206-680-00 | METAL OXIDE 4.7K 5% | 2W F |
| R603 | 1-247-289-00 | CARBON 8.2M 5% | 1W |
| R604 | 1-244-921-00 | CARBON 100K 5% | 1/2W |
| R605 | 1-212-356-00 | METAL OXIDE 0.47 5% | 1W F |
| R606 | 1-247-851-00 | CARBON 6.8K 5% | 1/6W |
| R607 | 1-244-931-00 | CARBON 270K 5% | 1/2W |
| R608 | 1-215-263-00 | METAL 220K | 1W |
| R610 | 1-215-409-31 | METAL 330 1% | 1/6W |
| R611 | 1-246-981-00 | CARBON 4.7 5% | 1/8W F |
| R612 | 1-215-449-00 | METAL 15K 1% | 1/6W |
| R613 | 1-215-423-00 | METAL 1.2K 1% | 1/6W |
| R614 | 1-247-855-00 | CARBON 10K 5% | 1/6W |
| R616 | 1-247-795-00 | CARBON 33 5% | 1/6W |
| R617 | 1-215-439-00 | METAL 5.6K 1% | 1/6W |
| R618 | 1-215-429-00 | METAL 2.2K 1% | 1/6W |
| R619 | 1-206-519-00 | METAL OXIDE 22 5% | 3W F |
| R620 | 1-206-477-00 | METAL OXIDE 39 5% | 2W F |
| R623 | ▲:1-202-724-51 | SOLID 2.7M 10% | 1/2W |
| R625 | ▲:1-202-647-35 | SOLID 1.2M 10% | 1/2W |
| ▲:R626 | ▲ | METAL | 1/6W |
| R633 | 1-206-690-00 | METAL OXIDE 12K 5% | 2W F |
| R634 | 1-211-417-00 | CARBON 22 5% | 1/8W F |
| R635 | 1-212-370-00 | METAL OXIDE 6.8 5% | 1W F |
| R636 | 1-212-367-00 | METAL OXIDE 3.9 5% | 1W F |

VARIABLE RESISTOR

| | | | |
|-------|--------------|--------------------------|--|
| RV601 | 1-226-663-00 | RES, ADJ, METAL GLAZE 1K | |
|-------|--------------|--------------------------|--|

TRANSFORMER

| | | | |
|------|----------------|--------------------------------|--|
| T601 | ▲:1-421-556-21 | TRANSFORMER, LINE FILTER (LFT) | |
| T602 | ▲:1-421-412-11 | COIL, FERRITE | |
| T603 | ▲:1-421-584-11 | TRANSFORMER, FERRITE (SRT) | |

▲:A-1330-452-A C BOARD, COMPLETE

1-526-645-00 SOCKET, CRT
 ▲:1-556-148-00 CONNECTOR ASSY, MINIATURE 3P
 ▲:1-556-396-00 CONNECTOR ASSY (2.5MM) 5P
 ▲:1-609-700-00 C BOARD

• The components identified by ■ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

C

D2

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|-------------------|--------------|---------------------|----------|--------------------------|--------------------|----------------------------|----------|
| <u>CONNECTOR</u> | | | | | | | |
| C1 | 1-508-765-00 | 3P PLUG (M) | | R717 | 1-202-834-00 | SOLID 27K | 1/2W |
| C2 | 1-508-786-00 | 2P PLUG (M) | | R718 | 1-202-549-00 | SOLID 100 10% | 1/2W |
| <u>CAPACITOR</u> | | | | R719 | 1-202-842-51 | SOLID 220K | 1/2W |
| C701 | 1-121-759-00 | ELECT 4.7MF | 250V | R720 | 1-202-719-00 | SOLID 1M 10% | 1/2W |
| C702 | 1-129-737-00 | FILM 0.047MF | 20% 630V | R721 | 1-202-824-00 | SOLID 3.3K | 1/2W |
| C703 | 1-102-249-00 | CERAMIC 680PF | 20% 2KV | R722 | 1-202-719-00 | SOLID 1M 10% | 1/2W |
| C704 | 1-123-356-00 | ELECT 10MF | 25V | R724 | 1-246-497-00 | CARBON 10K 5% | 1/4W |
| C705 | 1-108-433-00 | MYLAR 0.1MF | 10% 200V | R725 | 1-246-497-00 | CARBON 10K 5% | 1/4W |
| C706 | 1-102-822-00 | CERAMIC 390PF | 5% 50V | R726 | 1-246-497-00 | CARBON 10K 5% | 1/4W |
| C707 | 1-102-822-00 | CERAMIC 390PF | 5% 50V | R727 | 1-246-433-00 | CARBON 22 5% | 1/4W |
| C708 | 1-102-824-00 | CERAMIC 470PF | 5% 50V | R728 | 1-246-437-00 | CARBON 33 5% | 1/4W |
| C709 | 1-102-038-00 | CERAMIC 0.001MF | 500V | R729 | 1-246-437-00 | CARBON 33 5% | 1/4W |
| C710 | 1-102-219-00 | CERAMIC 680PF | 20% 1KV | R730 | 1-246-457-00 | CARBON 220 5% | 1/4W |
| C711 | 1-123-356-00 | ELECT 10MF | 20% 50V | R731 | 1-246-457-00 | CARBON 220 5% | 1/4W |
| <u>DIODE</u> | | | | R732 | 1-246-475-00 | CARBON 1.2K 5% | 1/4W |
| D701 | 8-719-300-76 | DIODE RH1A | | R733 | 1-246-475-00 | CARBON 1.2K 5% | 1/4W |
| D702 | 8-719-300-76 | DIODE RH1A | | R735 | 1-246-456-00 | CARBON 200 5% | 1/4W |
| D703 | 8-719-300-76 | DIODE RH1A | | R736 | 1-246-456-00 | CARBON 200 5% | 1/4W |
| <u>COIL</u> | | | | R737 | 1-246-456-00 | CARBON 200 5% | 1/4W |
| L701 | 1-407-166-XX | MICRO INDUCTOR 56UH | | R738 | 1-246-457-00 | CARBON 220 5% | 1/4W |
| L702 | 1-407-166-XX | MICRO INDUCTOR 56UH | | R739 | 1-246-475-00 | CARBON 1.2K 5% | 1/4W |
| L703 | 1-407-166-XX | MICRO INDUCTOR 56UH | | R740 | 1-246-437-00 | CARBON 33 5% | 1/4W |
| L704 | 1-407-701-00 | MICRO INDUCTOR 47UH | | R741 | 1-212-360-00 | METAL OXIDE 1 5% | 1W F |
| <u>TRANSISTOR</u> | | | | <u>VARIABLE RESISTOR</u> | | | |
| Q701 | 8-729-168-82 | TRANSISTOR 2SC2688 | | RV701 | 1-224-644-XX | RES, ADJ, CARBON 4.7K | |
| Q702 | 8-729-168-82 | TRANSISTOR 2SC2688 | | RV702 | 1-224-643-XX | RES, ADJ, CARBON 2.2K | |
| Q703 | 8-729-168-82 | TRANSISTOR 2SC2688 | | RV703 | 1-224-644-XX | RES, ADJ, CARBON 4.7K | |
| Q704 | 8-729-281-53 | TRANSISTOR 2SC1815 | | RV704 | 1-224-643-XX | RES, ADJ, CARBON 2.2K | |
| Q705 | 8-729-281-53 | TRANSISTOR 2SC1815 | | RV705 | 1-224-644-XX | RES, ADJ, CARBON 4.7K | |
| Q706 | 8-729-281-53 | TRANSISTOR 2SC1815 | | RV706A | 1-226-063-00 | RES, ADJ, CARBON 2.2M | |
| <u>RESISTOR</u> | | | | RV707 | 1-226-114-00 | RES, ADJ, METAL GLAZE 2.2M | |
| R701 | 1-246-461-00 | CARBON 330 5% | 1/4W | RV708 | 1-224-643-XX | RES, ADJ, CARBON 2.2K | |
| R702 | 1-246-482-00 | CARBON 2.4K 5% | 1/4W | ***** | | | |
| R703 | 1-206-743-00 | METAL OXIDE 5.6K 5% | 3W F | 1-609-701-00 | D2 BOARD | ***** | |
| R704 | 1-246-482-00 | CARBON 2.4K 5% | 1/4W | 1-560-278-00 | PLUG, CONNECTOR 5P | | |
| R705 | 1-246-461-00 | CARBON 330 5% | 1/4W | 1-560-721-21 | PLUG, CONNECTOR 2P | | |
| R706 | 1-206-743-00 | METAL OXIDE 5.6K 5% | 3W F | <u>CAPACITOR</u> | | | |
| R707 | 1-246-461-00 | CARBON 330 5% | 1/4W | C801 | 1-108-393-00 | MYLAR 0.22MF | 10% 100V |
| R708 | 1-246-482-00 | CARBON 2.4K 5% | 1/4W | C802 | 1-108-385-00 | MYLAR 0.047MF | 10% 100V |
| R709 | 1-206-743-00 | METAL OXIDE 5.6K 5% | 3W F | C803 | 1-108-385-00 | MYLAR 0.047MF | 10% 100V |
| R710 | 1-202-824-00 | SOLID 3.3K | 1/2W | C804 | 1-123-360-00 | ELECT 100MF | 20% 50V |
| R711 | 1-202-722-51 | SOLID 1.8M 10% | 1/2W | C805 | 1-123-356-00 | ELECT 10MF | 20% 50V |
| R713 | 1-202-824-00 | SOLID 3.3K | 1/2W | C806 | 1-123-356-00 | ELECT 10MF | 20% 50V |
| R714 | 1-202-720-00 | SOLID 1.2M 10% | 1/2W | C807 | 1-123-380-00 | ELECT 1MF | 20% 50V |
| R715 | 1-202-815-51 | SOLID 47K | 1/2W | C808 | 1-123-252-00 | ELECT 1MF | 160V |
| R716 | 1-202-824-00 | SOLID 3.3K | 1/2W | <u>DIODE</u> | | | |
| | | | | D801 | 8-719-911-19 | DIODE 1SS119 | |

D2

D3

D

Ref.No Part No Description

Remark

COIL

L801 1-408-244-00 MICRO INDUCTOR 18MMH
L802 1-459-107-00 COIL, DUST CORE

TRANSISTOR

Q801 8-729-313-82 TRANSISTOR 2SD1138
Q802 8-729-169-02 TRANSISTOR 2SC2690A
Q803 8-729-117-54 TRANSISTOR 2SA1175
Q804 8-729-178-54 TRANSISTOR 2SC2785

RESISTOR

R801 1-246-497-00 CARBON 10K 5% 1/4W
R802 1-213-143-00 METAL OXIDE 1K 5% 1W F
R804 1-247-012-00 CARBON 1K 5% 1/4W F
R807 1-246-483-00 CARBON 2.7K 5% 1/4W
R808 1-217-265-11 WIREWOUND 22 10% 3W F
R809 1-217-265-11 WIREWOUND 22 10% 3W F
R810 1-246-425-00 CARBON 10 5% 1/4W
R811 1-246-491-00 CARBON 5.6K 5% 1/4W
R812 1-246-511-00 CARBON 39K 5% 1/4W
R813 1-246-511-00 CARBON 39K 5% 1/4W
R814 1-246-425-00 CARBON 10 5% 1/4W
R815 1-246-491-00 CARBON 5.6K 5% 1/4W
R817 1-246-471-00 CARBON 820 5% 1/4W
R819 1-246-481-00 CARBON 2.2K 5% 1/4W
R820 1-246-508-00 CARBON 30K 5% 1/4W

VARIABLE RESISTOR

RV803 1-222-512-00 RES, ADJ, CARBON 10K
RV806 1-221-970-XX RES, ADJ, CARBON 500
RV816 1-226-853-00 RES, ADJ, CARBON 47K

▲:1-610-150-00 D3 BOARD

CAPACITOR

C571 1-123-356-00 ELECT 10MF 20% 16V
C572 1-101-004-00 CERAMIC 0.01MF 50V

DIODE

D521 8-719-911-19 DIODE 1SS119
D542 8-719-911-19 DIODE 1SS119

TRANSISTOR

Q541 8-729-117-54 TRANSISTOR 2SA1175
Q542 8-729-117-54 TRANSISTOR 2SA1175

RESISTOR

R621 1-215-463-00 METAL 56K 1% 1/6W
R622 ▲ 1-215-442-00 METAL 1/6W
R623 1-215-442-00 METAL 7.5K 1% 1/6W

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No Part No Description

Remark

R624 1-215-477-31 METAL 220K 1% 1/6W
R625 1-215-445-00 METAL 10K 1% 1/6W
R626 1-247-869-00 CARBON 39K 5% 1/6W

▲:A-1345-405-A D BOARD, COMPLETE

▲:1-526-575-00 SOCKET, PLUG
▲:4-340-905-00 HEAT SINK, V OUT
▲:4-364-749-00 PLATE, SHIELD, F.B.T

CAPACITOR

C501 1-123-380-00 ELECT 1MF 20% 50V
C502 1-123-380-00 ELECT 1MF 20% 50V
C503 1-108-251-00 MYLAR 0.1MF 5% 50V
C504 1-131-448-00 TANTALUM 1MF 5% 35V
C505 1-123-324-00 ELECT 1000MF 20% 16V
C506 1-123-321-00 ELECT 220MF 20% 16V
C507 1-108-377-00 MYLAR 0.01MF 10% 100V
C508 1-108-379-00 MYLAR 0.01MF 10% 100V
C509 1-123-381-00 ELECT 2.2MF 20% 100V
C510 1-161-959-00 CERAMIC 22PF 10% 500V
C511 1-123-345-00 ELECT 100MF 20% 35V
C512 1-123-369-00 ELECT 4.7MF 20% 50V
C514 1-123-332-00 ELECT 47MF 20% 16V
C515 1-123-332-00 ELECT 47MF 20% 16V
C516 1-123-337-00 ELECT 1000MF 20% 25V
C517 1-123-369-00 ELECT 4.7MF 20% 50V
C518 1-131-539-00 TANTALUM 2.2MF 5% 20V
C519 1-123-286-00 ELECT 0.33MF 20% 50V
C520 1-123-447-00 ELECT 0.22MF 20% 50V
C521 1-123-362-00 ELECT 330MF 20% 50V
C522 1-123-356-00 ELECT 10MF 20% 25V
C523 1-123-332-00 ELECT 47MF 20% 16V
C524 1-108-369-00 MYLAR 0.0022MF 10% 100V
C525 1-121-999-00 ELECT 10MF 160V
C526 1-123-380-00 ELECT 1MF 20% 50V
C527 1-108-382-00 MYLAR 0.027MF 10% 100V
C528 1-108-382-00 MYLAR 0.027MF 10% 100V
C529 1-123-380-00 ELECT 1MF 20% 50V
C530 1-123-332-00 ELECT 47MF 20% 16V
C531 1-123-332-00 ELECT 47MF 20% 16V
C533 1-123-332-00 ELECT 47MF 20% 16V
C534 1-108-579-00 MYLAR 0.01MF 5% 50V
C535 1-123-330-00 ELECT 22MF 20% 16V
C537 1-123-380-00 ELECT 1MF 20% 50V
C538 1-108-387-00 MYLAR 0.06MF 10% 100V
C539 1-102-121-00 CERAMIC 0.0022MF 10% 50V
C540 1-102-824-00 CERAMIC 470PF 5% 50V
C541 1-102-820-00 CERAMIC 330PF 5% 50V
C542 1-123-026-00 ELECT 2.2MF 160V
C543 1-123-380-00 ELECT 1MF 20% 100V

- The components identified by ■ in this manual have been carefully factory selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

D

| Ref.No | Part No | Description | | Remark | Ref.No | Part No | Description | | Remark | |
|--------|--------------|-------------------------------|----------|----------|--------|--------------|-------------|----------|--------|-------|
| C544 | 1-101-821-00 | CERAMIC | 0.0022MF | 500V | C848 | 1-136-044-11 | FILM | 0.0017MF | 3% | 1.6KV |
| C545 | 1-123-379-00 | ELECT | 0.047F | 20% 50V | C850 | 1-102-030-00 | CERAMIC | 330PF | 10% | 500V |
| C547 | 1-123-332-00 | ELECT | 47MF | 20% 16V | C852 | 1-101-006-00 | CERAMIC | 0.047MF | | 50V |
| C548 | 1-123-332-00 | ELECT | 47MF | 20% 16V | C853 | 1-108-373-00 | MYLAR | 0.0047MF | 10% | 100V |
| C549 | 1-123-330-00 | ELECT | 22MF | 20% 16V | C854 | 1-102-223-00 | CERAMIC | 0.0047MF | 20% | 1.6KV |
| C551 | 1-102-228-00 | CERAMIC | 470PF | 10% 500V | C855 | 1-123-381-00 | ELECT | 2.2MF | 20% | 50V |
| C552 | 1-108-377-00 | MYLAR | 0.01MF | 10% 100V | C856 | 1-108-373-00 | MYLAR | 0.0047MF | 10% | 100V |
| C559 | 1-108-579-00 | MYLAR | 0.01MF | 5% 50V | C857 | 1-123-357-00 | ELECT | 22MF | 20% | 50V |
| C560 | 1-123-318-00 | ELECT | 33MF | 20% 16V | C858 | 1-121-999-00 | ELECT | 10MF | | 160V |
| C562 | 1-123-380-00 | ELECT | 1MF | 20% 50V | C859 | 1-123-357-00 | ELECT | 22MF | 20% | 50V |
| C563 | 1-123-332-00 | ELECT | 47MF | 20% 25V | C862 | 1-102-824-00 | CERAMIC | 470PF | 5% | 50V |
| C802 | 1-123-379-00 | ELECT | 0.47MF | 20% 50V | C863 | 1-102-074-00 | CERAMIC | 0.001MF | 10% | 50V |
| C803 | 1-123-379-00 | ELECT | 0.47MF | 20% 50V | C864 | 1-102-976-00 | CERAMIC | 180PF | 5% | 50V |
| C804 | 1-108-377-00 | MYLAR | 0.01MF | 10% 100V | C865 | 1-123-369-00 | ELECT | 4.7MF | 20% | 50V |
| C805 | 1-123-331-00 | ELECT | 33MF | 20% 25V | | | | | | |
| C806 | 1-123-331-00 | ELECT | 33MF | 20% 25V | | | | | | |
| C807 | 1-108-567-00 | MYLAR | 0.0033MF | 5% 50V | | | | | | |
| C808 | 1-130-022-00 | FILM | 0.0022MF | 5% 50V | | | | | | |
| C809 | 1-123-357-00 | ELECT | 22MF | 20% 50V | | | | | | |
| C810 | 1-121-246-00 | ELECT | 4.7MF | 160V | | | | | | |
| C811 | 1-101-004-00 | CERAMIC | 0.01MF | 50V | | | | | | |
| C812 | 1-108-389-00 | MYLAR | 0.1MF | 10% 100V | | | | | | |
| C813 | 1-123-380-00 | ELECT | 1MF | 20% 50V | | | | | | |
| C814 | 1-123-380-00 | ELECT | 1MF | 20% 50V | | | | | | |
| C815 | 1-108-387-00 | MYLAR | 0.068MF | 10% 100V | | | | | | |
| C816 | 1-121-806-00 | ELECT | 10MF | 16V | | | | | | |
| C817 | 1-123-380-00 | ELECT | 1MF | 20% 50V | | | | | | |
| C818 | 1-102-820-00 | CERAMIC | 330PF | 5% 50V | | | | | | |
| C819 | 1-108-689-11 | MYLAR | 0.0056MF | 10% 200V | | | | | | |
| C820 | 1-101-810-00 | CERAMIC | 100PF | 5% 500V | | | | | | |
| C821 | 1-102-030-00 | CERAMIC | 330PF | 10% 500V | | | | | | |
| C822 | 1-123-003-00 | ELECT | 1MF | 250V | | | | | | |
| C823 | 1-130-069-00 | FILM | 0.43MF | 5% 200V | | | | | | |
| C825 | 1-123-346-00 | ELECT | 220MF | 20% 35V | | | | | | |
| C826 | 1-129-706-00 | FILM | 0.0022MF | 10% 630V | | | | | | |
| C827 | 1-101-004-00 | CERAMIC | 0.01MF | 50V | | | | | | |
| C828 | 1-121-999-00 | ELECT | 10MF | 160V | | | | | | |
| C829 | 1-123-024-00 | ELECT | 33MF | 160V | | | | | | |
| C830 | 1-108-429-00 | MYLAR | 0.047MF | 10% 200V | | | | | | |
| C832 | 1-161-753-00 | CERAMIC | 470PF | 10% 3KV | | | | | | |
| C833 | 1-123-379-00 | ELECT | 0.47MF | 20% 50V | | | | | | |
| C834 | 1-102-212-00 | CERAMIC | 820PF | 10% 500V | | | | | | |
| C835 | 1-108-369-00 | MYLAR | 0.0022MF | 10% 100V | | | | | | |
| C836 | 1-102-531-00 | CERAMIC | 150PF | 5% 50V | | | | | | |
| C837 | 1-123-586-00 | ELECT | 0.1MF | 20% 50V | | | | | | |
| C838 | 1-123-380-00 | ELECT | 1MF | 20% 50V | | | | | | |
| C839 | 1-123-331-00 | ELECT | 33MF | 20% 25V | | | | | | |
| C841 | 1-161-961-11 | CERAMIC | 0.0022MF | 10% 3KV | | | | | | |
| C843 | 1-123-369-00 | ELECT | 4.7MF | 20% 50V | | | | | | |
| C844 | 1-108-385-00 | MYLAR | 0.047MF | 10% 100V | | | | | | |
| C845 | 1-108-702-11 | MYLAR | 0.068MF | 10% 200V | | | | | | |
| C846 | 1-136-044-11 | FILM | 0.0017MF | 3% 1.6KV | | | | | | |
| C847 | 1-136-044-11 | FILM | 0.0017MF | 3% 1.6KV | | | | | | |
| D2 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | | | | | | | |
| D3 | 1-508-765-00 | 3P PLUG (M) | | | | | | | | |
| D4 | 1-560-124-00 | PLUG, CONNECTOR (2.5MM) 4P | | | | | | | | |
| D5 | 1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | | | | | | | | |
| D6 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | | | | | | | |
| D7 | 1-508-765-00 | 3P PLUG (M) | | | | | | | | |
| D8 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P | | | | | | | | |
| D9 | 1-560-127-00 | PLUG, CONNECTOR (2.5MM) 7P | | | | | | | | |
| D10 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | | | | | | | |
| D11 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P | | | | | | | | |
| D12 | 1-508-768-00 | 6P PLUG | | | | | | | | |
| D13 | 1-508-765-00 | 3P PLUG (M) | | | | | | | | |
| D14 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | | | | | | | |
| D16 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) | | | | | | | | |
| D17 | 1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P | | | | | | | | |
| D18 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P | | | | | | | | |
| D501 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D502 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D503 | 8-719-113-07 | DIODE RD13E-B | | | | | | | | |
| D504 | 8-719-911-55 | DIODE U05G | | | | | | | | |
| D505 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D507 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D508 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D509 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D513 | 8-719-300-45 | DIODE EM1Z | | | | | | | | |
| D515 | 8-719-911-55 | DIODE U05G | | | | | | | | |
| D516 | 8-719-911-19 | DIODE 1SS119 | | | | | | | | |
| D801 | 8-719-100-80 | DIODE RD20E-B2 | | | | | | | | |
| D802 | 8-719-300-45 | DIODE EM1Z | | | | | | | | |
| D803 | 8-719-300-76 | DIODE RH1A | | | | | | | | |
| D804 | 8-719-300-76 | DIODE RH1A | | | | | | | | |
| D805 | 8-719-901-93 | DIODE V19E | | | | | | | | |
| D806 | 8-719-300-76 | DIODE RH1A | | | | | | | | |
| D807 | 8-719-903-09 | DIODE V30N | | | | | | | | |
| D809 | 8-719-901-93 | DIODE V19E | | | | | | | | |

CONNECTOR

| | | |
|-----|--------------|-------------------------------|
| D2 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| D3 | 1-508-765-00 | 3P PLUG (M) |
| D4 | 1-560-124-00 | PLUG, CONNECTOR (2.5MM) 4P |
| D5 | 1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P |
| D6 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| D7 | 1-508-765-00 | 3P PLUG (M) |
| D8 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |
| D9 | 1-560-127-00 | PLUG, CONNECTOR (2.5MM) 7P |
| D10 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| D11 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |
| D12 | 1-508-768-00 | 6P PLUG |
| D13 | 1-508-765-00 | 3P PLUG (M) |
| D14 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| D16 | 1-560-290-00 | PLUG, CONNECTOR (2.5MM PITCH) |
| D17 | 1-560-125-00 | PLUG, CONNECTOR (2.5MM) 5P |
| D18 | 1-560-123-00 | PLUG, CONNECTOR (2.5MM) 3P |

DIODE

| | | |
|------|--------------|----------------|
| D501 | 8-719-911-19 | DIODE 1SS119 |
| D502 | 8-719-911-19 | DIODE 1SS119 |
| D503 | 8-719-113-07 | DIODE RD13E-B |
| D504 | 8-719-911-55 | DIODE U05G |
| D505 | 8-719-911-19 | DIODE 1SS119 |
| D507 | 8-719-911-19 | DIODE 1SS119 |
| D508 | 8-719-911-19 | DIODE 1SS119 |
| D509 | 8-719-911-19 | DIODE 1SS119 |
| D513 | 8-719-300-45 | DIODE EM1Z |
| D515 | 8-719-911-55 | DIODE U05G |
| D516 | 8-719-911-19 | DIODE 1SS119 |
| D801 | 8-719-100-80 | DIODE RD20E-B2 |
| D802 | 8-719-300-45 | DIODE EM1Z |
| D803 | 8-719-300-76 | DIODE RH1A |
| D804 | 8-719-300-76 | DIODE RH1A |
| D805 | 8-719-901-93 | DIODE V19E |
| D806 | 8-719-300-76 | DIODE RH1A |
| D807 | 8-719-903-09 | DIODE V30N |
| D809 | 8-719-901-93 | DIODE V19E |

NOTE:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref.No | Part No | Description |
|--------|--------------|-----------------|
| D810 | 8-719-911-19 | DIODE ISS119 |
| D811 | 8-719-911-19 | DIODE ISS119 |
| D812 | 8-719-100-30 | DIODE RD5.1E-B2 |
| D813 | 8-719-300-45 | DIODE EM1Z |
| D814 | 8-719-300-45 | DIODE EM1Z |
| D816 | 8-719-911-19 | DIODE ISS119 |
| D817 | 8-719-300-76 | DIODE RH1A |
| D818 | 8-719-300-76 | DIODE RH1A |
| D819 | 8-719-300-76 | DIODE RH1A |
| D820 | 8-719-911-19 | DIODE ISS119 |

CONNECTOR

| | | |
|-----|----------------|---------|
| DY1 | ▲:1-506-347-21 | 4P PLUG |
| DY2 | ▲:1-506-347-21 | 4P PLUG |

IC

| | | |
|-------|--------------|-------------|
| IC501 | 8-759-878-03 | IC LA7802 |
| IC502 | 8-759-113-58 | IC UPC1358H |
| IC503 | 8-759-979-16 | IC CX7916 |
| IC504 | 8-750-000-74 | IC CX20061 |
| IC505 | 8-759-145-58 | IC UPC4558C |

| | | |
|-------|--------------|-------------|
| IC506 | 8-719-907-13 | DIODE PC713 |
| IC801 | 8-759-240-11 | IC TC4011BP |

COIL

| | | |
|------|----------------|-----------------------|
| L801 | 1-408-247-00 | MICRO INDUCTOR 33MMH |
| L802 | 1-408-247-00 | MICRO INDUCTOR 33MMH |
| L803 | ▲:1-459-451-11 | COIL, FERRITE |
| L804 | ▲:1-459-261-11 | COIL, VARIABLE |
| L805 | ▲:1-459-155-11 | COIL (WITH CORE) 45MH |

| | | |
|------|----------------|-----------------------|
| L806 | ▲:1-459-155-11 | COIL (WITH CORE) 45MH |
| L807 | ▲:1-459-261-11 | COIL, VARIABLE |
| L808 | 1-407-501-31 | MICRO INDUCTOR 5.6MMH |
| L809 | 1-407-841-00 | COIL |
| L811 | 1-407-166-XX | MICRO INDUCTOR 56UH |

| | | |
|------|----------------|-----------------------|
| L812 | 1-459-155-00 | COIL (WITH CORE) 45MH |
| L813 | 1-407-364-00 | COIL, SPOOK CHUKE |
| L814 | 1-408-349-00 | COIL, CHOKE |
| L815 | 1-407-494-00 | MICRO INDUCTOR 1.5MMH |
| L816 | ▲:1-459-457-11 | COIL, VARIABLE |

| | | |
|------|--------------|-----------------------|
| L817 | 1-407-693-00 | MICRO INDUCTOR 10UH |
| L818 | 1-407-501-31 | MICRO INDUCTOR 5.6MMH |

TRANSISTOR

| | | |
|------|--------------|--------------------|
| Q501 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q502 | 8-729-313-42 | TRANSISTOR 2SD1134 |
| Q503 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q504 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q505 | 8-729-117-54 | TRANSISTOR 2SA1175 |

| | | |
|------|--------------|--------------------|
| Q506 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q507 | 8-729-178-54 | TRANSISTOR 2SC2785 |
| Q508 | 8-729-117-54 | TRANSISTOR 2SA1175 |
| Q509 | 8-729-178-54 | TRANSISTOR 2SC2785 |

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref.No | Part No | Description | Remark |
|--------|----------------|------------------------------------|--------|
| Q510 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q511 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q512 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q513 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q514 | 8-729-117-54 | TRANSISTOR 2SA1175 | |
| Q515 | 8-729-117-54 | TRANSISTOR 2SA1175 | |
| Q516 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q518 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q519 | 8-729-117-54 | TRANSISTOR 2SA1175 | |
| Q520 | 8-729-255-21 | TRANSISTOR 2SC2551 | |
| Q521 | 8-729-238-32 | TRANSISTOR 2SC2383 | |
| Q522 | 8-729-201-32 | TRANSISTOR 2SA1013 | |
| Q523 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q524 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q801 | 8-729-168-82 | TRANSISTOR 2SC2688 | |
| Q802 | 8-729-177-43 | TRANSISTOR 2SD774 | |
| Q803 | 8-729-287-00 | TRANSISTOR 2SD870 | |
| | 3-701-353-00 | SPACER, MICA , Q803 | |
| | 3-701-609-00 | BUSHING (B), TR , Q803 | |
| | ▲:4-314-938-01 | RETAINER (TO-3), TRANSISTOR , Q803 | |
| | ▲:4-336-010-00 | HEAT SINK , Q803 | |
| Q805 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q806 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| Q807 | 8-729-213-11 | TRANSISTOR 2SC2230A | |
| Q808 | 8-729-177-43 | TRANSISTOR 2SD774 | |
| Q809 | 8-729-612-77 | TRANSISTOR 2SA1207R | |
| Q810 | 8-729-177-43 | TRANSISTOR 2SD774 | |

RESISTOR

| | | | | | |
|------|--------------|-------------|------|----|--------|
| R501 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R502 | 1-247-869-00 | CARBON | 39K | 5% | 1/6W |
| R503 | 1-247-897-00 | CARBON | 560K | 5% | 1/6W |
| R504 | 1-247-833-00 | CARBON | 1.2K | 5% | 1/6W |
| R505 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W |
| R506 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W |
| R508 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R509 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W |
| R510 | 1-246-458-00 | CARBON | 240 | 5% | 1/4W |
| R511 | 1-215-471-00 | METAL | 120K | 1% | 1/6W |
| R512 | 1-212-970-51 | FUSIBLE | 33 | 5% | 1/2W F |
| R513 | 1-217-477-00 | FUSIBLE | 4.7 | 5% | 1W F |
| R514 | 1-247-829-00 | CARBON | 820 | 5% | 1/6W |
| R515 | 1-215-466-31 | METAL | 75K | 1% | 1/6W |
| R516 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W |
| R517 | 1-247-819-00 | CARBON | 330 | 5% | 1/6W |
| R519 | 1-215-458-00 | CARBON | 36K | 5% | 1/6W |
| R520 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W |
| R521 | 1-212-365-00 | METAL OXIDE | 2.7 | 5% | 1W F |
| R522 | 1-247-850-00 | CARBON | 6.2K | 5% | 1/6W |
| R523 | 1-247-883-00 | CARBON | 150K | 5% | 1/6W |
| R524 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W |
| R525 | 1-247-841-00 | CARBON | 2.7K | 5% | 1/6W |
| R527 | 1-247-844-00 | CARBON | 3.6K | 5% | 1/6W |

D

| Ref.No | Part No | Description | Remark | Ref.No | Part No | Description | Remark |
|--------|--------------|-------------|---------------|--------|--------------|-------------|--------------|
| R529 | 1-247-841-00 | CARBON | 2.7K 5% 1/6W | R589 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R530 | 1-247-843-00 | CARBON | 5.6K 5% 1/6W | R590 | 1-247-827-00 | CARBON | 680 5% 1/6W |
| R531 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R591 | 1-211-602-00 | CARBON | 33 5% 1/2W F |
| R532 | 1-247-862-00 | CARBON | 20K 5% 1/6W | R592 | 1-247-879-00 | CARBON | 100K 5% 1/6W |
| R533 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R593 | 1-247-841-00 | CARBON | 2.7K 5% 1/6W |
| R534 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R594 | 1-247-875-00 | CARBON | 68K 5% 1/6W |
| R535 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R595 | 1-247-873-00 | CARBON | 56K 5% 1/6W |
| R536 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R596 | 1-247-807-00 | CARBON | 100 5% 1/6W |
| R537 | 1-246-465-00 | CARBON | 470 5% 1/4W | R597 | 1-247-807-00 | CARBON | 100 5% 1/6W |
| R538 | 1-215-481-31 | METAL | 330K 1% 1/6W | R598 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W |
| R539 | 1-247-876-00 | CARBON | 75K 5% 1/6W | R599 | 1-215-454-00 | METAL | 24K 1% 1/6W |
| R540 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W | R601 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R541 | 1-247-839-00 | CARBON | 2.2K 5% 1/6W | R602 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R542 | 1-247-867-00 | CARBON | 33K 5% 1/6W | R603 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R543 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R604 | 1-202-649-15 | SOLID | 1.5M 5% 1/2W |
| R544 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R605 | 1-247-854-00 | CARBON | 9.1K 5% 1/6W |
| R545 | 1-247-819-00 | CARBON | 330 5% 1/6W | R606 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W |
| R546 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R607 | 1-213-137-00 | METAL OXIDE | 330 5% 1W F |
| R547 | 1-247-857-00 | CARBON | 12K 5% 1/6W | R608 | 1-213-137-00 | METAL OXIDE | 330 5% 1W F |
| R548 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R612 | 1-212-861-11 | FUSIBLE | 15 5% 1/4W F |
| R549 | 1-247-843-00 | CARBON | 3.3K 5% 1/6W | R613 | 1-247-829-00 | CARBON | 820 5% 1/6W |
| R550 | 1-247-807-00 | CARBON | 100 5% 1/6W | R615 | 1-246-417-00 | CARBON | 4.7 1% 1/4W |
| R551 | 1-247-873-00 | CARBON | 56K 5% 1/6W | R615 | 1-246-418-11 | CARBON | 5.1 1% 1/4W |
| R552 | 1-247-872-00 | CARBON | 51K 5% 1/6W | R615 | 1-246-419-00 | CARBON | 5.6 1% 1/4W |
| R553 | 1-247-847-00 | CARBON | 4.7K 5% 1/6W | R615 | 1-246-420-11 | CARBON | 6.2 1% 1/4W |
| R554 | 1-247-861-00 | CARBON | 18K 5% 1/6W | R615 | 1-246-422-11 | CARBON | 7.5 1% 1/4W |
| R555 | 1-247-841-00 | CARBON | 2.7K 5% 1/6W | R615 | 1-246-424-00 | CARBON | 9.1 1% 1/4W |
| R557 | 1-247-807-00 | CARBON | 100 5% 1/6W | R615 | 1-246-427-00 | CARBON | 12 1% 1/4W |
| R558 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R617 | 1-247-807-00 | CARBON | 100 5% 1/6W |
| R559 | 1-247-875-00 | CARBON | 68K 5% 1/6W | R618 | 1-246-489-00 | CARBON | 4.7K 1% 1/4W |
| R561 | 1-247-807-00 | CARBON | 100 5% 1/6W | R619 | 1-206-660-00 | METAL OXIDE | 680 5% 2W F |
| R562 | 1-247-841-00 | CARBON | 2.7K 5% 1/6W | R620 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W |
| R563 | 1-247-807-00 | CARBON | 100 5% 1/6W | R801 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W |
| R564 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W | R802 | 1-247-869-00 | CARBON | 39K 5% 1/6W |
| R565 | 1-247-879-00 | CARBON | 100K 5% 1/6W | R804 | 1-206-746-00 | METAL OXIDE | 7.5K 5% 3W F |
| R566 | 1-247-807-00 | CARBON | 100 5% 1/6W | R805 | 1-246-783-00 | CARBON | 1K 5% 1/8W F |
| R567 | 1-247-825-00 | CARBON | 560 5% 1/6W | R806 | 1-247-852-00 | CARBON | 7.5K 5% 1/6W |
| R568 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W | R808 | 1-247-799-00 | CARBON | 47 5% 1/6W |
| R569 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R809 | 1-247-822-00 | CARBON | 430 5% 1/6W |
| R570 | 1-247-807-00 | CARBON | 100 5% 1/6W | R810 | 1-247-819-00 | CARBON | 330 5% 1/6W |
| R571 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R811 | 1-247-831-00 | CARBON | 1K 5% 1/6W |
| R572 | 1-247-889-00 | CARBON | 270K 5% 1/6W | R812 | 1-212-358-51 | METAL OXIDE | 0.68 5% 1W F |
| R573 | 1-247-865-00 | CARBON | 27K 5% 1/6W | R813 | 1-247-822-00 | CARBON | 430 5% 1/6W |
| R574 | 1-247-835-00 | CARBON | 1.5K 5% 1/6W | R814 | 1-246-483-00 | CARBON | 2.7K 5% 1/4W |
| R575 | 1-247-851-00 | CARBON | 6.8K 5% 1/6W | R815 | 1-247-855-00 | CARBON | 10K 5% 1/6W |
| R576 | 1-247-840-00 | CARBON | 2.4K 5% 1/6W | R816 | 1-247-859-00 | CARBON | 15K 5% 1/6W |
| R581 | 1-247-855-00 | CARBON | 10K 5% 1/6W | R817 | 1-247-864-00 | CARBON | 24K 5% 1/6W |
| R582 | 1-211-602-00 | CARBON | 33 5% 1/2W F | R818 | 1-213-159-00 | METAL OXIDE | 22K 5% 1W F |
| R583 | 1-247-831-00 | CARBON | 1K 5% 1/6W | R819 | 1-247-012-00 | CARBON | 1K 5% 1/4W F |
| R584 | 1-247-878-00 | CARBON | 91K 5% 1/6W | R820 | 1-247-659-00 | CARBON | 68 5% 1/4W F |
| R585 | 1-212-992-00 | FUSIBLE | 270 5% 1/2W F | R821 | 1-213-129-00 | METAL OXIDE | 68 5% 1W F |
| R586 | 1-246-507-00 | CARBON | 27K 5% 1/4W | R822 | 1-206-664-00 | METAL OXIDE | 1K 5% 2W F |
| R587 | 1-246-497-00 | CARBON | 10K 5% 1/4W | R823 | 1-206-660-00 | METAL OXIDE | 680 5% 2W F |

| Ref.No | Part No | Description | Remark |
|--------|--------------|------------------------|--------|
| R825 | 1-244-925-00 | CARBON 150K 5% 1/2W | |
| R828 | 1-244-923-00 | CARBON 120K 5% 1/2W | |
| R828A | 1-244-923-00 | CARBON 120K 5% 1/2W | |
| R829 | 1-214-752-00 | METAL 9.1K 1% 1/4W | |
| R829A | 1-214-879-00 | METAL 4.3K 1% 1/2W | |
| R829B | 1-214-880-00 | METAL 4.7K 1% 1/2W | |
| R830 | 1-247-614-00 | CARBON 3.3K 5% 1/8W | |
| R831 | 1-213-143-00 | METAL OXIDE 1K 5% 1W | F |
| R832 | 1-247-840-00 | CARBON 2.4K 5% 1/6W | |
| R833 | 1-247-662-00 | CARBON 560 5% 1/4W | F |
| R834 | 1-244-861-00 | CARBON 330 5% 1/2W | |
| R835 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R838 | 1-247-840-00 | CARBON 2.4K 5% 1/6W | |
| R839 | 1-247-855-00 | CARBON 10K 5% 1/6W | |
| R840 | 1-247-838-00 | CARBON 2K 5% 1/6W | |
| R841 | 1-247-824-00 | CARBON 510 5% 1/6W | |
| R842 | 1-247-839-00 | CARBON 2.2K 5% 1/6W | |
| R843 | 1-247-889-00 | CARBON 270K 5% 1/6W | |
| R844 | 1-247-883-00 | CARBON 150K 5% 1/6W | |
| R845 | 1-247-874-00 | CARBON 62K 5% 1/6W | |
| ■ R846 | 1-247-851-00 | CARBON 6.8K 5% 1/6W | |
| R847 | 1-247-851-00 | CARBON 6.8K 5% 1/6W | |
| R848 | 1-247-857-00 | CARBON 12K 5% 1/6W | |
| R850 | 1-247-850-00 | CARBON 6.2K 5% 1/6W | |
| R851 | 1-247-859-00 | CARBON 15K 5% 1/6W | |
| R852 | 1-247-849-00 | CARBON 5.6K 5% 1/6W | |
| R853 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R854 | 1-206-745-00 | METAL OXIDE 6.8K 5% 3W | F |
| R855 | 1-247-873-00 | CARBON 56K 5% 1/6W | |
| R856 | 1-247-858-00 | CARBON 13K 5% 1/6W | |
| R857 | 1-217-418-00 | FUSIBLE 0.47 5% 1/2W | F |
| R858 | 1-217-418-00 | FUSIBLE 0.47 5% 1/2W | F |
| R859 | 1-247-800-00 | CARBON 51 5% 1/6W | |
| R860 | 1-247-861-00 | CARBON 18K 5% 1/6W | |
| R861 | 1-247-890-00 | CARBON 300K 5% 1/6W | |
| R862 | 1-246-509-00 | CARBON 33K 5% 1/4W | |
| R863 | 1-247-861-00 | CARBON 18K 5% 1/6W | |
| R864 | 1-247-867-00 | CARBON 33K 5% 1/6W | |
| R865 | 1-211-533-00 | CARBON 300 5% 1/4W | F |
| R868 | 1-247-646-00 | CARBON 1 5% 1/4W | F |
| R869 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R870 | 1-247-646-00 | CARBON 1 5% 1/4W | F |
| R871 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R872 | 1-213-149-00 | METAL OXIDE 3.3 5% 1W | F |

VARIABLE RESISTOR

| | | |
|-------|--------------|---------------------------|
| RV501 | 1-226-136-00 | RES, ADJ, CARBON 10K |
| RV502 | 1-224-965-00 | RES, ADJ, CARBON 470 |
| RV503 | 1-224-965-00 | RES, ADJ, CARBON 470 |
| RV504 | 1-226-774-00 | RES, ADJ, METAL GLAZE 47K |
| RV506 | 1-223-021-00 | RES, ADJ, WIREWOUND 1K |
| RV801 | 1-228-160-11 | RES, ADJ, METAL GLAZE 5K |
| RV802 | 1-226-851-00 | RES, ADJ, CARBON 10K |
| RV803 | 1-226-057-00 | RES, ADJ, CARBON 22K |

NOTE:

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| Ref.No | Part No | Description | Remark |
|---|--------------|-----------------------------|--------|
| RV804 | 1-228-577-00 | RES, ADJ, CARBON 220 | |
| <u>RELAY</u> | | | |
| RY501 | 1-515-323-00 | RELAY | |
| RY801 | 1-515-357-00 | RELAY | |
| RY802 | 1-515-307-00 | RELAY | |
| <u>SPARK GAP</u> | | | |
| SG801 | 1-519-063-XX | DISCHARGING GAP | |
| <u>TRANSFORMER</u> | | | |
| T501 | 1-427-512-11 | TRANSFORMER, INPUT/OUTPUT | |
| T801 | 1-437-090-00 | HDT | |
| T803 | 1-421-583-11 | TRANSFORMER, FERRITE (HPCT) | |
| ***** | | | |
| ●:1-609-371-00 H BOARD | | | |
| ***** | | | |
| ●:1-555-707-00 CONNECTOR ASSY (2.5MM) 10P | | | |
| ●:1-556-321-00 CONNECTOR ASSY (2.5MM) 7P | | | |
| ●:1-556-338-00 COINNECTOR ASSY (2.5MM) 3P | | | |
| ●:1-556-398-00 CONNECTOR ASSY (2.5MM) 5P | | | |
| ●:1-556-584-00 CONNECTOR ASSY (2.5MM) 2P | | | |
| ●:1-556-585-00 CONNECTOR ASSY (2.5MM) 2P | | | |
| ●:1-556-652-00 CONNECTOR ASSY (2.5MM) 4P | | | |
| ●:4-365-401-00 HOLDER (10 GANG), LED | | | |
| <u>DIODE</u> | | | |
| D401 | 8-719-114-34 | DIODE SY432D | |
| D402 | 8-719-114-34 | DIODE SY432D | |
| D403 | 8-719-114-34 | DIODE SY432D | |
| D404 | 8-719-114-34 | DIODE SY432D | |
| D405 | 8-719-114-34 | DIODE SY432D | |
| D406 | 8-719-114-34 | DIODE SY432D | |
| D407 | 8-719-114-34 | DIODE SY432D | |
| D408 | 8-719-114-34 | DIODE SY432D | |
| D409 | 8-719-114-34 | DIODE SY432D | |
| D410 | 8-719-102-34 | DIODE SG232D | |
| D411 | 8-719-160-08 | DIODE RD3.0F-B1 | |
| <u>TRANSISTOR</u> | | | |
| Q401 | 8-729-178-54 | TRANSISTOR 2SC2785 | |
| <u>RESISTOR</u> | | | |
| R401 | 1-247-855-00 | CARBON 10K 5% 1/6W | |
| R402 | 1-247-868-00 | CARBON 36K 5% 1/6W | |
| R403 | 1-247-839-00 | CARBON 2.2K 5% 1/6W | |
| R404 | 1-247-824-00 | CARBON 510 5% 1/6W | |
| R405 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R406 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R407 | 1-247-852-00 | CARBON 7.5K 5% 1/6W | |

- The components identified by ■ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

H

| Ref.No | Part No | Description | Remark |
|--------|--------------|--------------------|--------|
| R408 | 1-247-831-00 | CARBON 1K 5% 1/6W | |
| R409 | 1-247-867-00 | CARBON 33K 5% 1/6W | |

VARIABLE RESISTOR

| | | | |
|-------|--------------|--------|--|
| RV401 | 1-228-937-00 | VR 20K | |
| RV402 | 1-228-938-00 | VR 20K | |
| RV403 | 1-228-938-00 | VR 20K | |
| RV404 | 1-228-938-00 | VR 20K | |
| RV405 | 1-228-936-00 | VR 10K | |

| | | | |
|-------|--------------|--------|--|
| RV406 | 1-228-936-00 | VR 10K | |
|-------|--------------|--------|--|

SWITCH

| | | | |
|------|--------------|----------------------|--|
| S401 | 1-516-970-00 | SWITCH, SLIDE | |
| S402 | 1-516-970-00 | SWITCH, SLIDE | |
| S403 | 1-516-970-00 | SWITCH, SLIDE | |
| S404 | 1-554-118-00 | SWITCH, PUSH | |
| S405 | 1-554-405-00 | SWITCH, PUSH (5 KEY) | |

MISCELLANEOUS

| | | |
|---------------|---------------------------------|--|
| ▲1-162-142-21 | CAP BLOCK, HIGH VOLTAGE | |
| ▲1-228-482-12 | RESISTOR ASSY, HIGH-VOLTAGE | |
| 1-452-032-00 | MAGNET, DISK ; 10MM Ø | |
| 1-452-094-00 | MAGNET, ROTATABLE DISK ; 15MM Ø | |
| 1-452-146-00 | MAGNET, BMC | |

| | | |
|---------------|------------------------------|--|
| ▲1-452-214-12 | CRT NECK ASSY (H TYPE) | |
| ▲1-509-779-00 | 6P CONNECTOR ASSY | |
| ▲1-551-604-00 | CONNECTOR ASSY, MINIATURE 3P | |
| ▲1-551-793-00 | CONNECTOR ASSY (L) 2P | |
| ▲1-551-854-00 | CONNECTOR ASSY 1P | |

| | | |
|---------------|-----------------------------|--|
| ▲1-555-014-00 | CONNECTOR ASSY MINIATURE 3P | |
| ▲1-555-200-00 | CONNECTOR ASSY (2.5MM) 4P | |
| ▲1-555-345-00 | CONNECTOR ASSY (2.5MM) 2P | |
| ▲1-555-348-00 | CONNECTOR, MINIATURE 1P | |
| ▲1-555-707-00 | CONNECTOR ASSY (2.5MM) 10P | |

| | | |
|---------------|---------------------------|--|
| ▲1-555-957-00 | CONNECTOR ASSY (2.5MM) 2P | |
| ▲1-555-962-00 | CONNECTOR ASSY (2.5MM) 5P | |
| ▲1-555-965-00 | CONNECTOR ASSY (2.5MM) 5P | |
| ▲1-555-973-00 | CONNECTOR ASSY (LARGE) 4P | |
| ▲1-556-016-00 | CONNECTOR ASSY (2.5MM) 3P | |

| | | |
|---------------|------------------------------|--|
| ▲1-556-018-00 | CONNECTOR ASSY (2.5MM) 3P | |
| ▲1-556-148-00 | CONNECTOR ASSY, MINIATURE 3P | |
| ▲1-556-584-00 | CONNECTOR ASSY (2.5MM) 2P | |
| ▲1-556-585-00 | CONNECTOR ASSY (2.5MM) 2P | |
| ▲1-556-671-00 | CONNECTOR ASSY (2.5MM) 8P | |

| | | |
|---------------|----------------------------|--|
| ▲1-556-855-00 | CONNECTOR ASSY (2.5MM) 12P | |
|---------------|----------------------------|--|

| | | | |
|------|---------------|-------------------------|--|
| L901 | ▲1-451-160-32 | DEFLECTION YOKE (SY-97) | |
| L902 | ▲1-426-086-12 | COIL, DEGAUSSING | |
| L903 | ▲1-426-086-12 | COIL, DEGAUSSING | |
| S901 | ▲1-553-584-12 | SWITCH, PUSH (POWER) | |

NOTE:

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ▲ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref.No | Part No | Description | Remark |
|--------|---------------|---------------------------|--------|
| SP901 | 1-503-109-00 | SPEAKER | |
| T802 | ▲1-439-308-11 | TRANSFORMER ASSY, FLYBACK | |
| V901 | ▲8-738-312-05 | CRT (330YB22) | |

ACCESSORIES AND PACKING MATERIALS

| Part.No | Description | Remark |
|--------------|------------------------|--------|
| 4-491-213-22 | INSTRUCTION | |
| 4-316-037-00 | BAG, POLYETHYLENE | |
| 4-364-734-00 | CUSHION (UPPER) (ASSY) | |
| 4-364-735-00 | CUSHION (LOWER) (ASSY) | |
| 4-365-409-00 | INDIVIDUAL CARTON | |
| 4-493-779-21 | MANUAL, INSTRUCTION | |

HARDWARE NOMENCLATURE

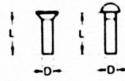
Screw

P 3 x 10

L Length in mm
D Diameter in mm
Type of head

Indicated slotted head only.

Unless otherwise indicated, it means cross-recessed head (Phillips type).



Nut, Washer, Retaining ring:

N 3

Diameter of usable screw or shaft
Reference designation

| Reference Designation | Shape | Description | Remarks |
|-----------------------|-------|---|--|
| SCREWS | | | |
| P | | pan-head screw | binding-head (B) screw for replacement |
| PWH | | pan-head screw with washer face | binding-head (B) screw and flat washer for replacement |
| PS PSP | | pan-head screw with spring washer | binding-head (B) screw and spring washer for replacement |
| PSW PSPW | | pan-head screw with spring and flat washers | binding-head (B) screw and spring and flat washers for replacement |
| R | | round-head screw | binding-head (B) screw for replacement |
| K | | flat countersunk-head screw | |
| RK | | oval countersunk head screw | |
| B | | binding-head screw | |
| T | | truss-head screw | binding-head (B) screw for replacement |
| F | | flat fillister head screw | |
| RF | | fillister head screw | |
| BV | | brazier-head screw | |

| Reference Designation | Shape | Description | Remarks |
|----------------------------|-------|--|---|
| SELF-TAPPING SCREWS | | | |
| TA | | self-tapping screw | ex TA, P 3 x 10 |
| PTP | | pan-head self-tapping screw | binding-head self-tapping (TA, B) screw for replacement |
| PTPWH | | pan-head self-tapping screw with washer face | binding-head self-tapping (TA, B) screw and flat washer for replacement |
| PTTWH | | pan-head thread-rolling screw with washer face | binding-head (B) screw and flat washer for replacement |
| SET SCREWS | | | |
| SC | | set screw | |
| SC | | hexagon socket set screw | ex SC 2.6 x 4, hexagon socket |
| NUT | | | |
| N | | nut | |
| WASHERS | | | |
| W | | flat washer | |
| SW | | spring washer | |
| LW | | internal-tooth lock washer | ex LW3, internal |
| LW | | external-tooth lock washer | ex LW3, external |
| RETAINING RINGS | | | |
| E | | retaining ring | |
| G | | grip-type retaining ring | |

NOMENCLATURE FERRONNERIE

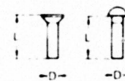
Vis

P 3 x 10

L Longueur en mm
D Diamètre en mm
Type de tête

Préciser le type de rainure de la tête.

Sauf indication contraire il s'agit de vis cruciforme (Type Phillips)



Ecrou, Rondelle, Circlips:

N 3

Diamètre de la vis ou de l'axe utilisable
Designation de la référence

| Designation de la référence | Forme | Description | Remarques |
|-----------------------------|-------|---|--|
| VIS | | | |
| P | | Vis à tête cylindrique large | Peut être remplacée par une vis à tête cylindrique (B) |
| PWH | | Vis à tête cylindrique large et rondelle fixe | Peut être remplacée par une vis à tête cylindrique (B) et une rondelle fixe |
| PS PSP | | Vis à tête cylindrique large et rondelle à ressort fixe | Peut être remplacée par une vis à tête cylindrique (B) et une rondelle à ressort |
| PSW PSPW | | Vis à tête cylindrique large et rondelles plates et à ressort | Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate plus une rondelle à ressort |
| R | | Vis à tête ronde | Peut être remplacée par une vis à tête cylindrique (B) |
| K | | Vis à tête fraisée | |
| RK | | Vis à tête fraisée bombée | |
| B | | Vis à tête cylindrique | |
| T | | Vis à tête ronde large | Peut être remplacée par une vis à tête cylindrique (B) |
| F | | Vis à tête moulée plate | |
| RF | | Vis à tête moulée | |
| BV | | Vis à tête soudée | |

| Designation de la référence | Forme | Description | Remarques |
|-----------------------------|-------|---|---|
| VIS AUTOTARDEUSES | | | |
| TA | | Vis autotardeuse | ex TA P 3 x 10 |
| PTP | | Vis autotardeuse à tête cylindrique large | Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B) |
| PTPWH | | Vis autotardeuse à tête cylindrique large et rondelle fixe | Peut être remplacée par une vis autotardeuse à tête cylindrique (TA, B) et une rondelle plate |
| PTTWH | | Vis à tête filetée et tête cylindrique large avec rondelle fixe | Peut être remplacée par une vis à tête cylindrique (B) et une rondelle plate |
| VIS DE SERRAGE | | | |
| SC | | Vis de serrage | |
| SC | | Vis de serrage à douille hexagonale | ex SC 2.6 x 4, douille hexagonale |
| ECROU | | | |
| N | | Ecrou | |
| RONDELLES | | | |
| W | | Rondelle plate | |
| SW | | Rondelle à ressort | |
| LW | | Rondelle éventail denture intérieure | ex LW3, intérieure |
| LW | | Rondelle éventail denture extérieure | ex LW3, extérieure |
| CIRCLIPS | | | |
| E | | Circlips | |
| G | | Circlips à griffe | |

PVM-1270Q

SONY SERVICE MANUAL

US Model
Canadian Model

Chassis No. SCC-471A-A

July, 1983

CORRECTION - 1


Correct the service manual as shown below.

 : corrected portion

SAFETY RELATED ADJUSTMENTS: page 14





| Correct | | | Incorrect | | |
|-------------------------|---------------|------|-------------------------|---------------|------|
| (5) CIRCUIT ADJUSTMENTS | | | (5) CIRCUIT ADJUSTMENTS | | |
| Adjustment | Circuit Board | Page | Adjustment | Circuit Board | Page |
| ✕ R622 Adjustment | D3 | 14 | ✕ R622 Adjustment | D3 | 14 |
| ✕ R846 Adjustment | D | 15 | ✕ R846 Adjustment | D | 15 |
| ✕ R612B Adjustment | F | 16 | ✕ R626 Adjustment | F | 16 |

D Board Adjustment : Page 15

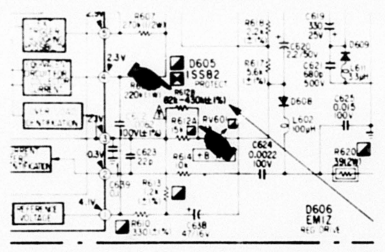
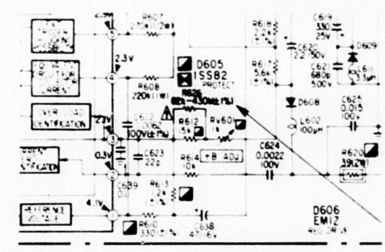
| Correct | Incorrect |
|--|---|
| <p>3. Connect a digital voltmeter to D board IC505 pin 1 .</p> <p>4. Apply external DC power supply to  high voltage resistor high voltage pin so that digital voltmeter value is $15.40 \pm 0.1V$ and confirm that HV protector operates.</p> <p>5. Apply power for $14.80 \pm 0.1V$ value and confirm that HV protector does not operate.</p> <p>6. Input a white pattern signal, and put set in standard state (PIC VR 100%, BRT VR 100%, COLOR VR 50%).</p> <p>7. Apply power via the connection in step 4. for DC $14.50 \pm 0.10V$ value and confirm that the HV protector circuit operates.</p> <p>8. Apply power for DC $13.50 \pm 0.10V$ value and confirm that the HV protector does not operate.</p> | <p>3. Connect a digital voltmeter to D board IC505 pin 1 .</p> <p>4. Apply external DC power supply to t high voltage resistor high voltage pin so that digital voltmeter value is $15.40 \pm 0.1V$ and confirm that HV protector operates.</p> <p>5. Apply power for $14.80 \pm 0.1V$ value and confirm that HV protector does not operate.</p> <p>6. Input a white pattern signal, and put set in standard state (PIC VR 100%, CONT VR 0%, COLOR VR 50%).).</p> <p>7. Apply power via the connection in step 4. for DC $14.50 \pm 0.10V$ value and confirm that the HV protector circuit operates.</p> <p>8. Apply power for DC $13.50 \pm 0.10V$ value and confirm that the HV protector does not operate.</p> |




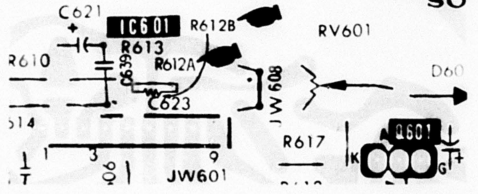

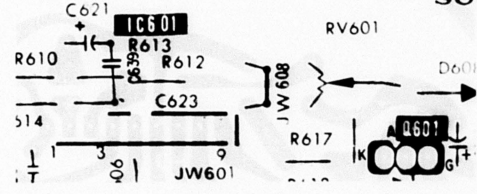
F Board Adjustment : Page 16

| Correct | Incorrect |
|--|--|
| <p>+B MAX Check</p> <p>R612B Adjustment</p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):</p> <p>IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> 1. Input a dot signal. 2. Input a AC 130 \pm 0.1V. 3. Put set in cut-off state. 4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum. 5. Confirm that +B value is less than 115.0V. <p> R612B</p> | <p>+B MAX Check</p> <p>R626 Adjustment</p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic):</p> <p>IC601, T603, R610, R612, R613, R620, R626, RV601</p> <ol style="list-style-type: none"> 1. Input a dot signal. 2. Input a AC 130 \pm 0.1V. 3. Put set in cut-off state. 4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum. 5. Confirm that +B value is less than 115.0V. <p> R626</p> |

SCHEMATIC DIAGRAM : Page 27

| Correct | Incorrect |
|---|--|
|  |  |

PRINTED WIRING BOARDS - F - : Page 33

| Correct | Incorrect |
|--|---|
| <p>113-11</p> <p> SO</p>  | <p>113-11</p> <p> SO</p>  |

PVM-1270Q

SONY[®] SERVICE MANUAL

US Model
Canadian Model

Chassis No. SCC-471A-A






July, 1983

CORRECTION - 2











Correct the service manual as shown below.

 : corrected portion






F Board Adjustment : Page 16

| Correct | Incorrect |
|--|--|
| <p>+B MAX Check</p> <p>■ R612B Adjustment</p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic): IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> 1. Input a dot signal. 2. Input a AC 130 $\begin{matrix} +1 \\ -0 \end{matrix}$ V.  3. Put set in cut-off state. 4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum. 5. Confirm that +B value is less than 115.0V. <p> R612B</p> | <p>+B MAX Check</p> <p>■ R612B Adjustment</p> <p>Be sure to perform this adjustment when replacing the following parts (marked  on the schematic): IC601, T603, R610, R612A, R613, R620, R612B, RV601</p> <ol style="list-style-type: none"> 1. Input a dot signal. 2. Input a AC 130 ± 0.1 V. 3. Put set in cut-off state. 4. Turn F board +B ADJ VR (RV601) fully so that +B value is maximum. 5. Confirm that +B value is less than 115.0V. <p> R612B</p> |

SCHEMATIC DIAGRAM (1/2) : Page 29

| Correct | Incorrect | | | | | | | | | | | | | | | | |
|--|---|------------|--|-----------------|--|------------------|---|-----------------|--|---|------------|--|-----------------|--|-----------------|---|-----------------|
| <ul style="list-style-type: none"> When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by  and repeat the adjustment until the specified value is achieved. (Refer to R622, R612B, R846 adjustment on page 14 - 16.) <table border="1"> <thead> <tr> <th>Part replaced ()</th><th>Adjustment</th></tr> </thead> <tbody> <tr> <td>D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854</td><td>R622 adjustment</td></tr> <tr> <td>F board IC601, RV601, T603, R610, R612A, R613, R620, R612B</td><td>R612B adjustment</td></tr> <tr> <td>D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854</td><td>R846 adjustment</td></tr> </tbody> </table> | Part replaced () | Adjustment | D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854 | R622 adjustment | F board IC601, RV601, T603, R610, R612A, R613, R620, R612B | R612B adjustment | D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854 | R846 adjustment | <ul style="list-style-type: none"> When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by  and repeat the adjustment until the specified value is achieved. (Refer to R622, R626, R846 adjustment on page 14 - 16.) <table border="1"> <thead> <tr> <th>Part replaced ()</th><th>Adjustment</th></tr> </thead> <tbody> <tr> <td>D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854</td><td>R622 adjustment</td></tr> <tr> <td>F board IC601, RV601, T603, R610, R612, R613, R620, R626</td><td>R626 adjustment</td></tr> <tr> <td>D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854</td><td>R846 adjustment</td></tr> </tbody> </table> | Part replaced () | Adjustment | D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854 | R622 adjustment | F board IC601, RV601, T603, R610, R612, R613, R620, R626 | R626 adjustment | D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854 | R846 adjustment |
| Part replaced () | Adjustment | | | | | | | | | | | | | | | | |
| D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854 | R622 adjustment | | | | | | | | | | | | | | | | |
| F board IC601, RV601, T603, R610, R612A, R613, R620, R612B | R612B adjustment | | | | | | | | | | | | | | | | |
| D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854 | R846 adjustment | | | | | | | | | | | | | | | | |
| Part replaced () | Adjustment | | | | | | | | | | | | | | | | |
| D3 board Q541, Q542, D521, R621, R622, R623, R624, R625, R626 D board D801, D812, R814, R854 | R622 adjustment | | | | | | | | | | | | | | | | |
| F board IC601, RV601, T603, R610, R612, R613, R620, R626 | R626 adjustment | | | | | | | | | | | | | | | | |
| D board IC501, IC505, R814, R815, R816, R825, R845, R846, R847, R848, R849, R850, R851, R852, R854 | R846 adjustment | | | | | | | | | | | | | | | | |

ELECTRICAL PARTS LIST : Page 57

| Correct | | | | | | | Incorrect | | | | | | |
|---|-------|---|--|-------------|--------|--------|---|--------------|---|-------|-------------|------|--------|
| Ref.No | | Part No. | | Description | | Remark | Ref.No | | Part No. | | Description | | Remark |
|  | R612A | 1-215-449-00 | | METAL | 15K 1% | 1/6W | R612 | 1-215-449-00 | | METAL | 15K 1% | 1/6W | |
|  | R612B |  | | METAL | | 1/6W |  | R626 |  | | METAL | | 1/6W |

PVM-1270Q

SONY SERVICE / ADJUSTMENT MANUAL

US Model
Canadian Model

Chassis No. SCC-471A-A

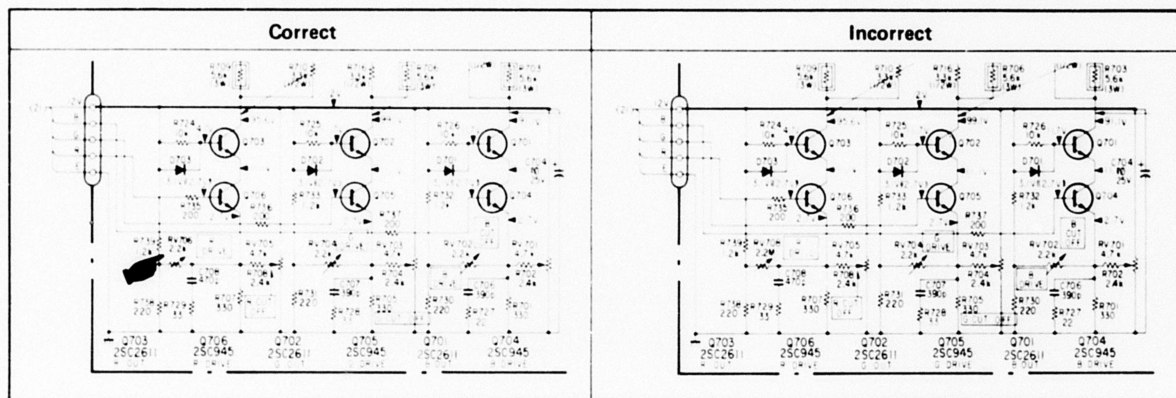
February, 1984

CORRECTION-3

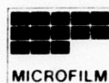
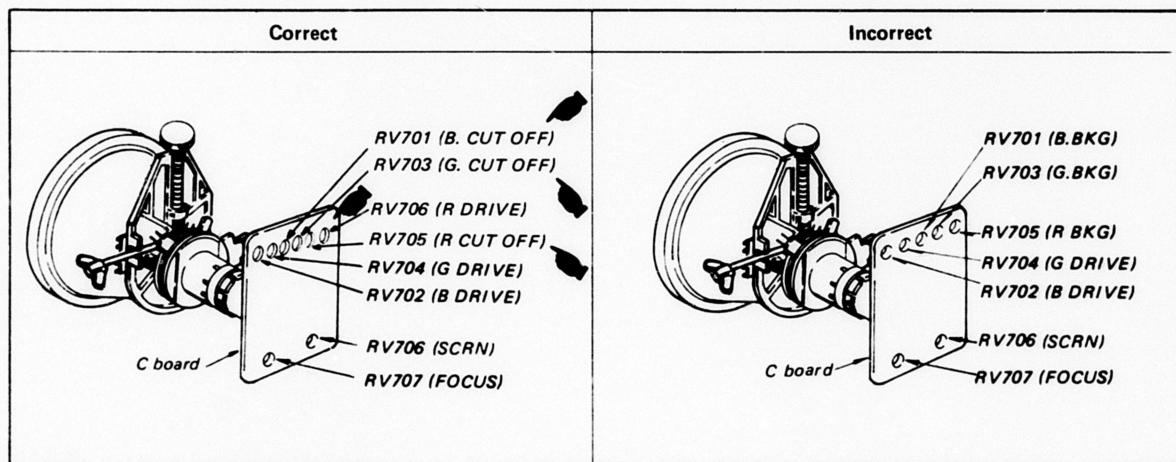
File this correction-3 with the service manual.

 : corrected portion

1. SECTION 3 SCHEMATIC DIAGRAM: Page 28, 29



2. SECTION 1 SETUP ADJUSTMENTS: Page 3, 4



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